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UNIVERSITÉS DE L'ONTARIO

Ontario Universities

2007 Resource Document

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To the Reader of this Report

The 2007 edition of the Council of Ontario Universities' *Resource Document* provides a comprehensive review of statistics and trends relevant to Ontario universities across a range of policy areas including grants and revenue, jurisdictional comparisons, comparisons with other sectors, research, tuition fees, student financial assistance, university infrastructure, faculty and staff, and education and employment.

Context for the Resource Document

This review of statistics and trends is important given that Ontario continues to experience the greatest increase in demand for university opportunities in 30 years. Undergraduate and graduate enrolment increased by 74,000 full-time-equivalent (FTE) students from 2002-03 to 2006-07

There are many reasons for this enrolment surge:

- secondary school reform in Ontario allowed students to graduate from high school in four years instead of five and created a "double cohort." The majority entered university in 2003-04, but some entered in 2002-03 and 2004-05,
- the population of 18-24 year olds is increasing,
- the percentage of 18-24 year olds in the population who attend university is increasing,
- more students are completing four-year rather than three-year university programs
- more students are staying in university.

It is expected that the surge in undergraduate enrolment will lead to a rise in graduate school enrolments, starting around 2007-08.

The Ontario Government has responded by increasing operating grants by more than $900 million from 2002-03 to 2006-07. Despite the increased funding, Ontario remains one of the lowest-funding provinces in Canada on a per-student and per-capita basis. The affect of the enrolment surge is a long-term phenomenon and will require a significant, ongoing funding commitment from the province to ensure access for students and maintain the quality of their education in the years to come.

Highlights of this Report

Section 1 - Grants and Revenue: The Ontario Picture

- Provincial operating grants from the Ministry of Training, Colleges and Universities to Ontario universities were $2,465 million in 2004-05, a $248 million or 26.4% increase over 2003-04. The increase is mostly a direct response to the "double cohort" *increase in undergraduate enrolments*, but $75 million was targeted for quality improvement. (Table 1.1).

- Despite the increases mentioned above, in constant dollar terms grants in 2004-05 are still $39 million, or 1.6%, lower than in 1992-93– the "peak year" for operating grants. (Table 1.1).

- Tuition fee revenue has increased substantially since 1987-88 (Table 1.1). Beginning in 1996-97 universities were required to collect a fixed proportion (10% in 1996-97, 30% each year thereafter) of the additional tuition fee revenue due to rising tuition fee rates for use in student financial aid. The Ministry of Training, Colleges and Universities estimates that this "set-aside" was $143.7 million in 2004-05.

- In constant dollar terms, provincial operating grants per student decreased by 33.9% between 1987-88 and 2002-03, but improved by 6.2% to 2004-05. Gross tuition fee revenue (before set-aside provisions for student aid) per student is estimated to have increased by 136.8% from 1987-88 to 2003-04 then declined marginally in 2004-05. The improvements were due to a tuition freeze where the loss in tuition revenue was compensated by increased grants (Table 1.2).

- In 1996-97, the federal government replaced its Established Programs Funding (EPF) program– which specifically allocated funds for higher education– with the Canada Health and Social Transfer (CHST), which bundled health and social transfers into a block grant. In 2004-05, the federal government separated health funding and renamed the remainder the Canada Social Transfer (CST), but still did not designate a portion explicitly for higher education. If one applies the same proportions of social and higher education funding as in 1995-95, the final year of the EPF, federal transfers for higher education are estimated to be nearly $3.1 billion, in real terms 4.2% above 1995-96. (Table 1.3).

- Growth in Ontario's provincial budget and gross domestic product has outpaced funding to Ontario universities since 1987-88 (Table 1.4). The university share of the provincial budget dropped from 4.2% in 1987-88 to 2.5% in 1999-00 then– in response to double cohort enrolment– grew to 3.2% by 2006-07. The university share of provincial gross domestic product (GDP) dropped from 0.70% in 1992-93 to 0.38% in 2001-02, but recovered to 0.50% in 2006-07 (Table 1.5). If universities had maintained their 1992-93 percentage shares of the provincial budget and GDP in 2006-07, operating grants would have been $3,292 million and $3,908 million respectively, compared with the actual $2,800. (Table 1.5)

- Ontario universities have more than doubled their income from federal grants and contracts between 1999-00 and 2004-05, from $459 million to $941 million. Most of this was for research. (Table 1.6)

- From 1987-88 to 2004-05 and in constant dollars, Ontario universities increased their income from donations by 128% and from non-government grants and contracts by 333%. (Table 1.7).

Section 2 - Grants and Revenue: Jurisdictional Comparisons

- Ontario universities ranked 9th out of the ten provinces in 2004-05 in terms of the percentage of their **operating** income that comes from provincial grants, 2nd in terms of fees, and 8th in terms of all other sources of income (Table 2.1).

- In 2004-05 Ontario universities ranked 8th in terms of the percentage of their **total** income that comes from federal grants, are 9th in terms of provincial grants and 3rd in terms of fees (Table 2.2).

- Ontario government funding for universities was 9th out of the ten provinces on a *per student* basis in 2003-04 (Table 2.3). In 2004-05 it remained 10th out of ten on a *per capita* basis for the twelfth year in a row (Table 2.4) and 10th out of ten on a per *$1,000 of personal income* basis for the fifteenth year in a row (Table 2.5). Given 2003-04 funding levels, provincial funding to Ontario universities would have to increase by about $848 million to reach the funding per student level of the other nine province. Given 2004-05 funding levels, provincial funding would have to rise by about $948 million to reach the funding per capita level, and by $1.26 billion to reach the funding per $1000 of personal provincial income level.

- Over the five years between 1999-00 and 2004-05, state support for post-secondary education increased by an average of 10.4% in US states, while in Ontario provincial support for university education increased by 43.2%. Ontario ranked 4th out of the 60 Canadian and US jurisdictions in terms of percentage ***change in funding*** over the five-year period. During the recent economic downturn, funding in many U.S. states has decreased along with declining tax revenues. At the same time, funding in Ontario has increased to address the growth in funding arising from the double cohort. (Table 2.6).

Section 3 - Comparisons with Other Sectors

- After several years of decline, constant dollar per client expenditures in Ontario's university sector increased to 1999-00 and have stabilized since. Colleges of Applied Arts and Technology and public schools rose moderately, but health care grew dramatically since 1998-99 (Table 3.1).

- Compared with other Canadian provinces, Ontario was 0.9% below the average in terms of school spending per student in 2001-02, but 12.2% below the average in terms of university funding per student in 2003-04 (Table 3.2).

Section 4 - Research

- Research infrastructure at Ontario universities is being squeezed. From 1987-88 to 2004-05, sponsored research expenditures grew by 253.5% in constant dollars, but operating expenditures, which include support for research activities, grew by only 67.0% (Table 4.1).

- At its inception in 1987-88, the Ontario government's Research Overhead/ Infrastructure Envelope (ROIE) represented 20.1% of the granting council funding used in its determination. By 2005-06, it represented only 8.9% (Table 4.2).

- From 1987-88 to 2004-05, Ontario's share of sponsored research funding from the three major federal granting agencies decreased from 38.9% to 36.7% (Table 4.3).

- In 2003, Ontario spent $702 per capita in gross expenditures on research and development (GERD). This puts Ontario third after the U.S. and Japan when compared with the G-7 countries. Canada and Ontario ranked first and second, however, in the percentage of GERD performed by the higher education sector (Table 4.4).

Section 5 - Tuition Fees

- From 1988-89 to 2005-06, the average tuition fee for Bachelor of Arts programs in Ontario universities increased from about $1,400 per year to about $4,200 per year (Table 5.2).

- Ontario had the fourth highest Bachelor of Arts tuition fees in 2005-06. As a percent of average personal income, however, tuition in Ontario is more affordable than P.E.I., Nova Scotia, New Brunswick, Quebec, Saskatchewan and B.C. (Table 5.3).

- In 2005-06, tuition **plus** required fees in Ontario universities are 13.6% of average personal income, compared with 21.4% at public universities in the Great Lakes states (Table 5.4).

Section 6 - Student Financial Assistance

- Provincial government spending on financial assistance for Ontario post-secondary students rose from about $181 million in 1987-88 to almost $868 million in 1999-00, then declined to $251 million in 2003-04. Since then it has risen again to a projected $439 million in 2006-07. (Table 6.1).

- The amount per student that Ontario universities spent on scholarships and bursaries increased by 543% between 1987-88 and 2004-05. Expenditures on scholarships and bursaries have increased from 1.6% of total university expenditures to 5.2% over the same period (Table 6.2).

- Although OSAP loan default rates for university students rose slightly from 7.1% in 2000 to 7.6% in 2004, they are consistently and significantly lower than for students in colleges of applied arts and technology and private career colleges. (Table 6.3).

Section 7 - University Infrastructure

- When averaged over the decade 1995-96 to 2004-05, Ontario was 4th in terms of capital expenditures per FTE. (Table 7.3).

- Averaged over 10 years to 2004-05, Ontario to rank below many of the other nine provinces in several capital and plant related indicators. (Table 7.4).

- In 2004-05, Ontario universities were operating with only 73.0% of total required space, as measured against established space standards. This continues the decline from 1986-87, when they were operating with 88.4% of total required space (Table 7.5).

Section 8 - Faculty and Staff

- The number of full-time faculty at Ontario universities rose by 3.7% in 2004-05 over 2003-04, finally reaching levels last seen in 1992-93. However, enrolment since 1992-93 increased 34.8% (Table 8.1).

- Since 1987-88 total faculty and staff salaries, in terms of constant dollars, have grown by 43.2% while enrolment has increased 59.3%. (Table 8.2).

- Since 1987-88, total salaries have risen 43.4% while total benefits have risen 146.5% (universities only). Benefits were 10.4% of total compensation in 1987-88 and 16.6% in 2004-05. (Table 8.3).

- Student/faculty ratios deteriorated dramatically during the double-cohort period from 2002-03 to 2004-05. The student/faculty ratio in colleges of applied arts and technology rose more slowly over the same period and in public schools the ratio improved. (Table 8.4).

- In 2003-04, Ontario universities had the highest ratio of full-time equivalent (FTE) students to full-time faculty in the country at 4.3 percentage points above the rest of Canada. The ratio rose by 2.0 percentage points from 2002-03 to 2003-04 alone, a result of the double-cohort. (Table 8.5) The FTE student to FTE faculty ratio tells a similar story. (Table 8.6)

Section 9 - Education and Employment

- In 2001 to 2004, the unemployment rate in Ontario for graduates of colleges of applied arts and technology was lower than for university graduates with only a bachelor's degree. It was the same for both in 2005. University graduates continue to do better than their college counterparts in the rest of Canada. This anomaly in Ontario is partly due to a cyclical boom in the manufacturing and construction industries– industries that do not require many workers with a university education– and a bust in the high-tech sector. [For further analysis, see Philip Cross, *Year End Review* in the Canadian Economic Observer, March 2003.] Since 1990 those holding graduate degrees have had consistently lower unemployment than those with bachelor's degrees and those with college diplomas, except in 2003. (Table 9.1).

- The percentage of jobs in Ontario held by university graduates continues to increase, climbing from 17.5% in 1990 to 26.3% in 2005 (Table 9.2).

- In the last census in 2000, the average income in Ontario for university graduates of all ages was $68,600, for graduates of colleges of applied arts and technology $44,700, and for high-school graduates $39,000. (Table 9.3)

Section 1

Grants and Revenue: The Ontario Picture

TABLE 1.1

PROVINCIAL OPERATING GRANTS
AND TUITION FEE REVENUE
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

	Actual $000s			Constant 2004-05 $000s		
	Operating Grants	Tuition Fees	Grants + Fees	Operating Grants	Tuition Fees	Grants + Fees
1987-88	$1,451,592	$343,728	$1,795,320	$2,205,506	$522,250	$2,727,756
1988-89	$1,554,947	$379,690	$1,934,637	$2,269,138	$554,083	$2,823,220
1989-90	$1,676,864	$421,021	$2,097,885	$2,322,809	$583,202	$2,906,011
1990-91	$1,822,796	$474,561	$2,297,357	$2,402,951	$625,603	$3,028,554
1991-92	$1,945,074	$532,429	$2,477,503	$2,465,725	$674,948	$3,140,672
1992-93	$2,009,133	$596,665	$2,605,798	$2,503,934	$743,609	$3,247,543
1993-94	$1,875,973	$630,966	$2,506,939	$2,308,182	$776,336	$3,084,517
1994-95	$1,853,629	$677,179	$2,530,808	$2,267,354	$828,323	$3,095,677
1995-96	$1,822,477	$744,393	$2,566,870	$2,184,536	$892,276	$3,076,812
1996-97	$1,550,722	$846,891	$2,397,613	$1,825,662	$997,043	$2,822,706
1997-98	$1,550,972	$920,047	$2,471,019	$1,803,957	$1,070,120	$2,874,077
1998-99	$1,596,514	$1,025,491	$2,622,005	$1,838,188	$1,180,726	$3,018,914
1999-00	$1,640,581	$1,179,444	$2,820,025	$1,848,231	$1,328,727	$3,176,958
2000-01	$1,726,897	$1,271,826	$2,998,723	$1,891,148	$1,392,794	$3,283,942
2001-02	$1,732,385	$1,406,606	$3,138,991	$1,856,655	$1,507,507	$3,364,162
2002-03	$1,885,835	$1,593,702	$3,479,537	$1,962,457	$1,658,454	$3,620,911
2003-04	$2,215,681	$1,834,014	$4,049,695	$2,264,397	$1,874,338	$4,138,736
2004-05	$2,464,517	$1,939,815	$4,404,332	$2,464,517	$1,939,815	$4,404,332

Notes:

Numbers in italics are preliminary or estimated.

Operating Grants:

See Appendix H for details regarding 1998-99 to 2004-05.

Tuition Fees:

Affiliated and federated colleges included.

For 2004-05 assumes 5.9% increase in enrolment and 0% increase in fees

The "set-aside" was $11.8M in 1996-97, $32.5M in 1997-98,
$54.8M in 1998-99, $84.5M in 1999-2000, $98.2M in 2000-01,
$114.8 in 2001-02 and estimated at $126.8 in 2002-03 and $143.7 in 2003-04 and 2004-05.

Operating Grants in 2004-05 include $41.7m for tuition compensation as a result of a tuition freeze

Sources:

Operating Grants: Public Accounts of Ontario, 1987-88 to 1994-95
MTCU Grant Announcements, 1995-96 to 2004-05

Tuition Fees: COFO-UO, Financial Report of Ontario Universities, 1987-88 to 2004-05.

CPI: Statistics Canada, May to April for each year.

FIGURE 1.1

PROVINCIAL OPERATING GRANTS
AND TUITION FEE REVENUE
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

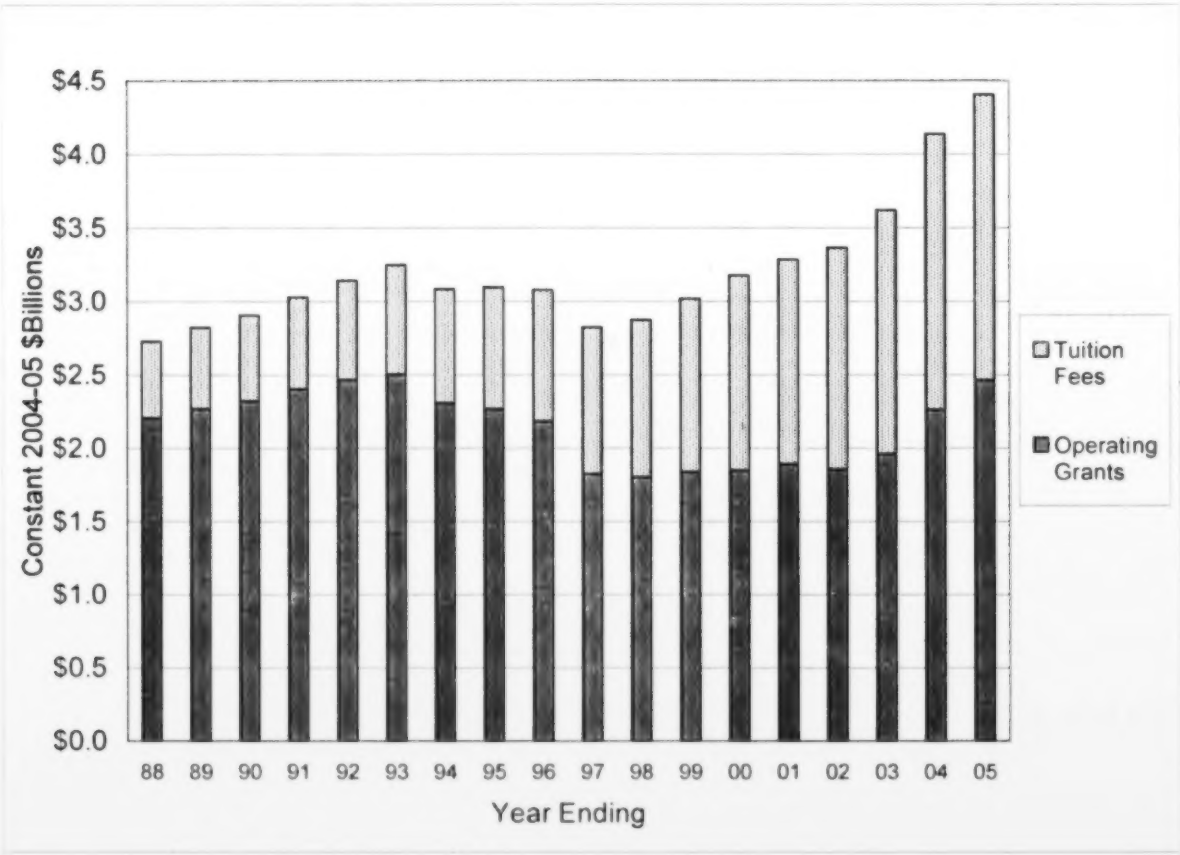


TABLE 1.2

PROVINCIAL OPERATING GRANTS AND TUITION FEE REVENUE PER FTE ENROLMENT ONTARIO UNIVERSITIES 1987-88 TO 2004-05

		Actual Dollars						Constant 2004-05 Dollars					Index of Constant 2004-05 Dollars				
	FTE Enrolment	Operating Grants	Gross Tuition	Grant + Gross Tuition	Tuition Set-Aside	Net Tuition Fees	Grants + NTF	Operating Grants	Gross Tuition	Grant + Gross Tuition	Net Tuition Fees	Grants + NTF + TSA	Operating Grants	Gross Tuition	Grant + Gross Tuition	Net Tuition Fees	Grants + NTF
1987-88	221,446	$6,555	$1,552	$8,107	$0	$1,552	$8,107	$9,960	$2,358	$12,318	$2,358	$12,318	100.0	100.0	100.0	100.0	100.0
1988-89	230,357	$6,750	$1,648	$8,398	$0	$1,648	$8,398	$9,851	$2,405	$12,256	$2,405	$12,256	98.9	102.0	99.5	102.0	99.5
1989-90	237,752	$7,053	$1,771	$8,824	$0	$1,771	$8,824	$9,770	$2,453	$12,223	$2,453	$12,223	98.1	104.0	99.2	104.0	99.2
1990-91	246,628	$7,391	$1,924	$9,315	$0	$1,924	$9,315	$9,743	$2,537	$12,280	$2,537	$12,280	97.8	107.6	99.7	107.6	99.7
1991-92	256,592	$7,580	$2,075	$9,655	$0	$2,075	$9,655	$9,610	$2,630	$12,240	$2,630	$12,240	96.5	111.5	99.4	111.5	99.4
1992-93	261,380	$7,687	$2,283	$9,969	$0	$2,283	$9,969	$9,580	$2,845	$12,425	$2,845	$12,425	96.2	120.6	100.9	120.6	100.9
1993-94	259,346	$7,233	$2,433	$9,666	$0	$2,433	$9,666	$8,900	$2,993	$11,893	$2,993	$11,893	89.4	126.9	96.6	126.9	96.6
1994-95	256,753	$7,220	$2,637	$9,857	$0	$2,637	$9,857	$8,831	$3,226	$12,057	$3,226	$12,057	88.7	136.8	97.9	136.8	97.9
1995-96	253,545	$7,188	$2,936	$10,124	$0	$2,936	$10,124	$8,616	$3,519	$12,135	$3,519	$12,135	86.5	149.2	98.5	149.2	98.5
1996-97	249,294	$6,220	$3,397	$9,618	$47	$3,350	$9,570	$7,323	$3,999	$11,323	$3,944	$11,267	73.5	169.6	91.9	167.2	91.5
1997-98	248,441	$6,243	$3,703	$9,946	$131	$3,572	$9,815	$7,261	$4,307	$11,568	$4,155	$11,416	72.9	182.6	93.9	176.2	92.7
1998-99	249,984	$6,386	$4,102	$10,489	$219	$3,883	$10,269	$7,353	$4,723	$12,076	$4,471	$11,824	73.8	200.3	98.0	189.6	96.0
1999-00	257,895	$6,361	$4,573	$10,935	$328	$4,246	$10,607	$7,167	$5,152	$12,319	$4,783	$11,950	72.0	218.5	100.0	202.8	97.0
2000-01	263,989	$6,542	$4,818	$11,359	$372	$4,446	$10,987	$7,164	$5,276	$12,440	$4,869	$12,032	71.9	223.7	101.0	206.4	97.7
2001-02	276,278	$6,270	$5,091	$11,362	$405	$4,687	$10,957	$6,720	$5,456	$12,177	$5,023	$11,743	67.5	231.4	98.9	213.0	95.3
2002-03	298,286	$6,322	$5,343	$11,665	*$422*	*$4,921*	*$11,243*	$6,579	$5,560	$12,139	*$5,121*	*$11,700*	66.1	235.8	98.5	*217.1*	*95.0*
2003-04	335,670	$6,601	$5,464	$12,064	*$428*	*$5,036*	*$11,636*	$6,746	$5,584	$12,330	*$5,146*	*$11,892*	67.7	236.8	100.1	*218.2*	*96.5*
2004-05	352,835	$6,985	$5,498	$12,483	*$407*	*$5,091*	*$12,075*	$6,985	$5,498	$12,483	*$5,091*	*$12,075*	70.1	233.1	101.3	*215.8*	*98.0*

Notes: numbers in italics are estimates
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A), using data from MTCU.
Net Tuition Fees exclude Tuition Set-Aside. 2004-05 is assumed to be the same as 03-04 because of the tuition freeze.
numbers in italics are estimates or the result of estimates.

Sources: Operating Grants and Tuition Fees: Resource Document, Table 1.1.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.
Tuition Set-Aside: Ministry of Training, Colleges and Universities.

FIGURE 1.2

PROVINCIAL OPERATING GRANTS
AND TUITION FEE REVENUE
PER FTE ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

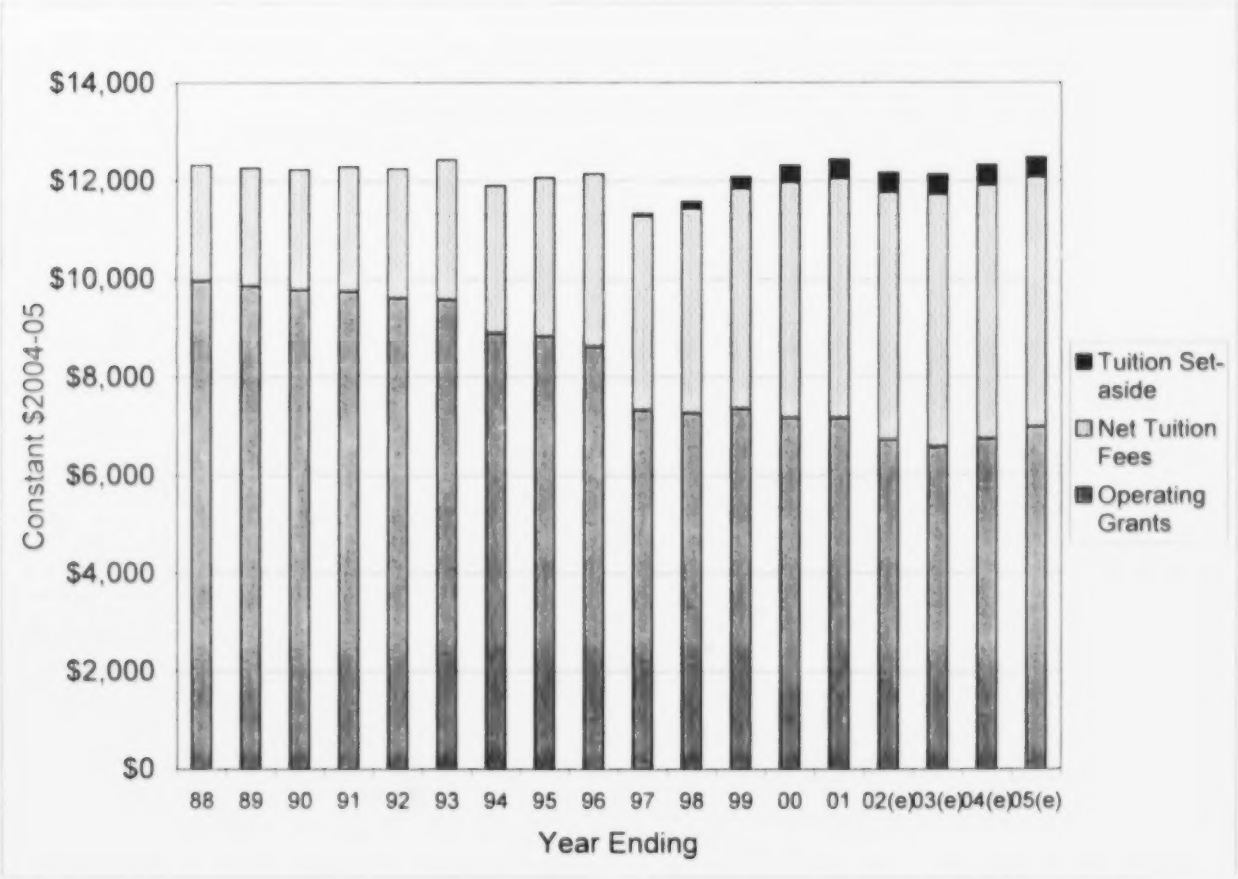


TABLE 1.3

FEDERAL EPF, CHST AND CST SUPPORT OF ONTARIO POST-SECONDARY EDUCATION 1987-88 TO 2006-07

		Total Transfers		
		Actual $	Constant $	Index of Constant $
EPF	1987-88	$1,837,706	$2,906,192	100.0
	1988-89	$1,955,946	$2,970,891	102.2
	1989-90	$2,091,175	$3,015,022	103.7
	1990-91	$2,134,436	$2,928,697	100.8
	1991-92	$2,209,937	$2,915,902	100.3
	1992-93	$2,246,476	$2,914,074	100.3
	1993-94	$2,281,467	$2,921,745	100.5
	1994-95	$2,309,210	$2,939,980	101.2
	1995-96	$2,369,528	$2,956,266	101.7
CHST	* *1996-97*	*$2,129,584*	*$2,609,552*	*89.8*
	* *1997-98*	*$2,055,117*	*$2,487,960*	*85.6*
	* *1998-99*	*$2,151,640*	*$2,578,525*	*88.7*
	* *1999-00*	*$2,481,409*	*$2,909,655*	*100.1*
	* *2000-01*	*$2,655,055*	*$3,026,337*	*104.1*
	* *2001-02*	*$2,826,379*	*$3,152,839*	*108.5*
	* *2002-03*	*$2,936,258*	*$3,180,352*	*109.4*
	* *2003-04*	*$3,099,036*	*$3,296,526*	*113.4*
CST	~ *2004-05*	*$2,780,527*	*$2,894,087*	*99.6*
	~ *2005-06*	*$2,934,683*	*$2,985,551*	*102.7*
	~ *2006-07*	*$3,080,758*	*$3,080,758*	*106.0*

Notes: All figures in $000s.
Constant 2006-07 dollars.
CAP and EPF targeted-funding was replaced by CHST block-funding in 1996-97.

CAP - Canada Assistance Plan - supported Social Welfare.
EPF - Established Programs Financing - supported health and post-secondary education, with specified amounts for each.
CHST - Canada Health and Social Transfer - supported social welfare, health, and post-secondary education, without specified amounts for each.
CST - Canada Social Transfer - supports post-secondary education, social assistance and social services

* CHST funding for Ontario post-secondary education estimated by pro-rating total CHST funding for Ontario according to the same proportions of CAP and EPF funding for Ontario post-secondary education in 1995-96.

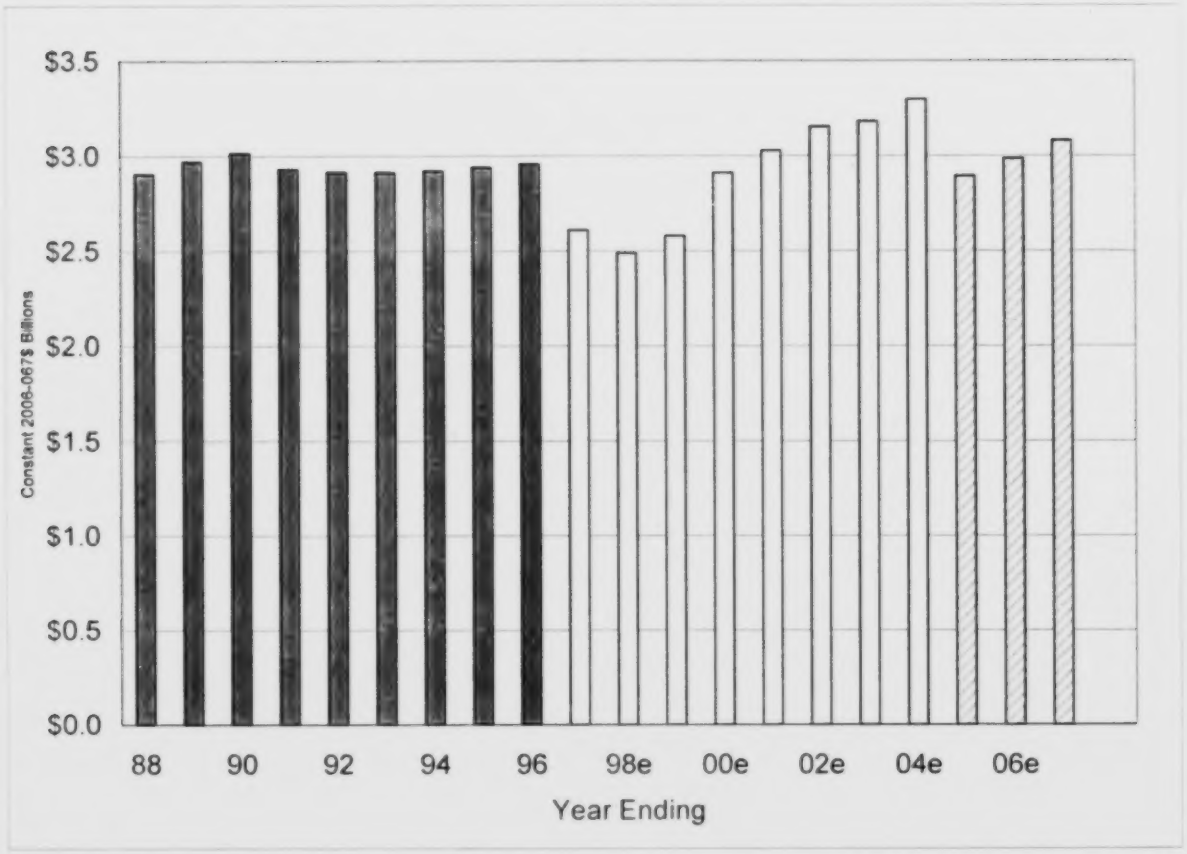
~ CST funding for Ontario post-secondary education estimated by pro-rating total CST funding for Ontario according to the same proportions of CAP and the PSE portion of EPF in 1995-96. **Should not be compared with previous estimates using CHST but with pre 1996-97 actual numbers.**

Sources: Established Programs Financing, and Canada Health and Social Transfer, and Canada Social Transfer
Canada Department of Finance, Federal-Provincial Relations Division
2002-03 and before are final entitlements; 2004-05 is the 7th estimate;
2003-04 is the 5th estimate; 2004-05 is the 3rd estimate; 2006-07 is the 1st estimate.
Estimates are by the Federal Department of Finance.

CPI: Statistics Canada. 2006-07 from annual forecasts from PEAP at the University of Toronto apportioned 3/4 to 2006 and 1/3 to 2007.

FIGURE 1.3

FEDERAL EPF, CHST AND CST SUPPORT OF
ONTARIO POST-SECONDARY EDUCATION
1987-88 TO 2006-07



Note:
solid bars are the actual PSE transfer through EPF
empty bars are an estimate of PSE transfer using CHST
patterned bars are an estimate of PSE transfer using CST, which was introduced in 2004

Do not compare 04-05 and 05-06 estimate using CST with estimates using CHST; rather compare it with pre-1996-97 actuals.

TABLE 1.4

UNIVERSITY OPERATING GRANTS
COMPARED WITH TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2006-07

	University Operating Grants	Total Provincial Budget	Public Debt Interest	Total Prov Budget - Public Debt Interest	Gross Domestic Product
$Millions					
1987-88	$1,451.6	$34,941.9	$3,771.3	$31,170.6	$226,798
1988-89	$1,554.9	$38,734.9	$4,032.4	$34,702.5	$253,143
1989-90	$1,676.9	$41,602.4	$4,284.4	$37,318.0	$276,073
1990-91	$1,822.8	$46,457.7	$4,313.2	$42,144.5	$277,508
1991-92	$1,945.1	$51,683.2	$4,196.2	$47,487.0	$281,570
1992-93	$2,009.1	$53,706.9	$5,293.0	$48,413.9	$285,101
1993-94	$1,876.0	$53,883.4	$6,959.1	$46,924.3	$291,733
1994-95	$1,853.6	$56,168.0	$7,832.0	$48,336.0	$309,031
1995-96[1]	$1,823.1	$58,273.0	$8,475.0	$49,798.0	$327,246
1996-97	$1,550.7	$56,619.0	$8,607.0	$48,012.0	$338,173
1997-98	$1,548.8	$56,748.0	$8,729.0	$48,019.0	$359,353
1998-99	$1,596.5	$58,052.0	$9,016.0	$49,036.0	$377,897
1999-00	$1,640.6	$64,374.0	$11,027.0	$53,347.0	$409,020
2000-01	$1,726.9	$64,392.0	$10,873.0	$53,519.0	$440,759
2001-02	$1,732.4	$66,159.0	$10,337.0	$55,822.0	$453,931
2002-03	$1,885.8	$68,774.0	$9,694.0	$59,080.0	$479,556
2003-04	$2,215.7	$73,883.0	$9,604.0	$64,279.0	$494,501
2004-05	$2,464.5	$79,396.0	$9,368.0	$70,028.0	$517,306
2005-06	$2,655.8	$83,927.0	*$9,019.0*	*$74,908.0*	*$538,386*
2006-07[2]	$2,799.8	*$87,993.0*	*$9,204.0*	*$78,789.0*	$554,529
index					
1987-88	100.0	100.0	100.0	100.0	100.0
1988-89	107.1	110.9	106.9	111.3	111.6
1989-90	115.5	119.1	113.6	119.7	121.7
1990-91	125.6	133.0	114.4	135.2	122.4
1991-92	134.0	147.9	111.3	152.3	124.2
1992-93	138.4	153.7	140.4	155.3	125.7
1993-94	129.2	154.2	184.5	150.5	128.6
1994-95	127.7	160.7	207.7	155.1	136.3
1995-96	125.6	166.8	224.7	159.8	144.3
1996-97	106.8	162.0	228.2	154.0	149.1
1997-98	106.7	162.4	231.5	154.1	158.4
1998-99	110.0	166.1	239.1	157.3	166.6
1999-00	113.0	184.2	292.4	171.1	180.3
2000-01	119.0	184.3	288.3	171.7	194.3
2001-02	119.3	189.3	274.1	179.1	200.1
2002-03	129.9	196.8	257.0	189.5	211.4
2003-04	152.6	211.4	254.7	206.2	218.0
2004-05	169.8	227.2	248.4	224.7	228.1
2005-06	183.0	240.2	239.2	240.3	237.4
2006-07	192.9	251.8	244.1	252.8	244.5

Notes:

1) Increase in Provincial Budget in 1995-96 is partly due to losses on loans of $4.09 billion under the *Financial Administration Act*.
2) Excludes grants for municipal taxation, which were not part of operating grants until 2005-06.
3) Starting in 2005-06 Province's financial report includes hospitals, school board and colleges. Prior years were not restated.

Sources:

Total Provincial Budget, Public Debt Interest, Gross Domestic Product:
Budget working papers http://www.fin.gov.on.ca/english/bud.html
Ontario Finances, Second Quarter 2006-2007

University Operating Grants: MTCU grant announcements

FIGURE 1.4

UNIVERSITY OPERATING GRANTS
COMPARED TO TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2006-07

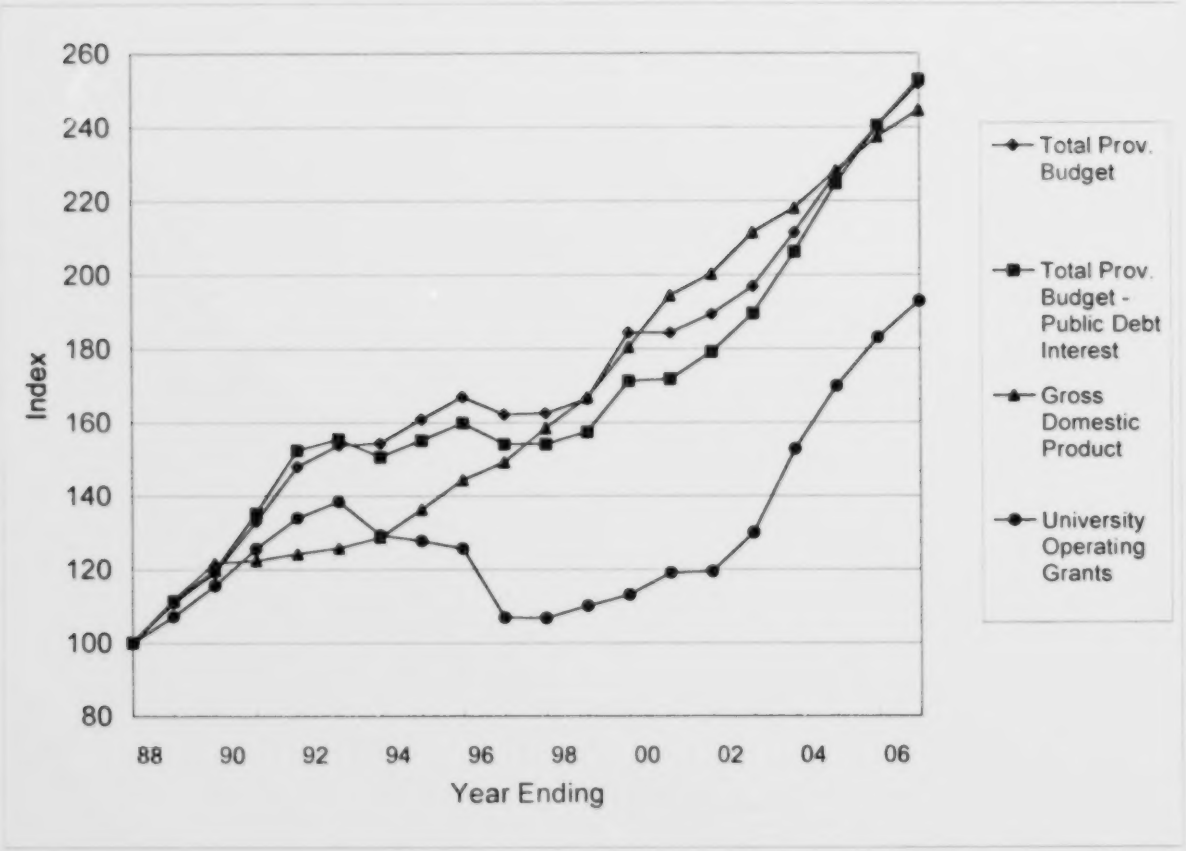


TABLE 1.5

**RATIOS OF UNIVERSITY OPERATING GRANTS,
TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2006-07**

	Total Prov. Budget as a Share of Gross Domestic Product		Univ Operating Grants as a Share of Total Prov. Budget		Univ Operating Grants as a Share of Total Prov. Budget - Public Debt Interest		Univ Operating Grants as a Share of Gross Domestic Product	
	%	Index	%	Index	%	Index	%	Index
1987-88	15.4%	100.0	4.2%	100.0	4.66%	100.0	0.64%	100.0
1988-89	15.3%	99.3	4.0%	96.6	4.48%	96.2	0.61%	96.0
1989-90	15.1%	97.8	4.0%	97.0	4.49%	96.5	0.61%	94.9
1990-91	16.7%	108.7	3.9%	94.4	4.33%	92.9	0.66%	102.6
1991-92	18.4%	119.1	3.8%	90.6	4.10%	88.0	0.69%	107.9
1992-93	18.8%	122.3	3.7%	90.0	4.15%	89.1	0.70%	110.1
1993-94	18.5%	119.9	3.5%	83.8	4.00%	85.8	0.64%	100.5
1994-95	18.2%	118.0	3.3%	79.4	3.83%	82.3	0.60%	93.7
1995-96	17.8%	115.6	3.1%	75.3	3.66%	78.6	0.56%	87.0
1996-97	16.7%	108.7	2.7%	65.9	3.23%	69.4	0.46%	71.6
1997-98	15.8%	102.5	2.7%	65.7	3.23%	69.3	0.43%	67.3
1998-99	15.4%	99.7	2.8%	66.2	3.26%	69.9	0.42%	66.0
1999-00	15.7%	102.2	2.5%	61.3	3.08%	66.0	0.40%	62.7
2000-01	14.6%	94.8	2.7%	64.6	3.23%	69.3	0.39%	61.2
2001-02	14.6%	94.6	2.6%	63.0	3.10%	66.6	0.38%	59.6
2002-03	14.3%	93.1	2.7%	66.0	3.19%	68.5	0.39%	61.4
2003-04	14.9%	97.0	3.0%	72.2	3.45%	74.0	0.45%	70.0
2004-05	15.3%	99.6	3.1%	74.7	3.52%	75.6	0.48%	74.4
2005-06	15.6%	101.2	3.2%	76.2	3.55%	76.1	0.49%	77.1
2006-07	15.9%	103.0	3.2%	76.6	3.55%	76.3	0.50%	78.9

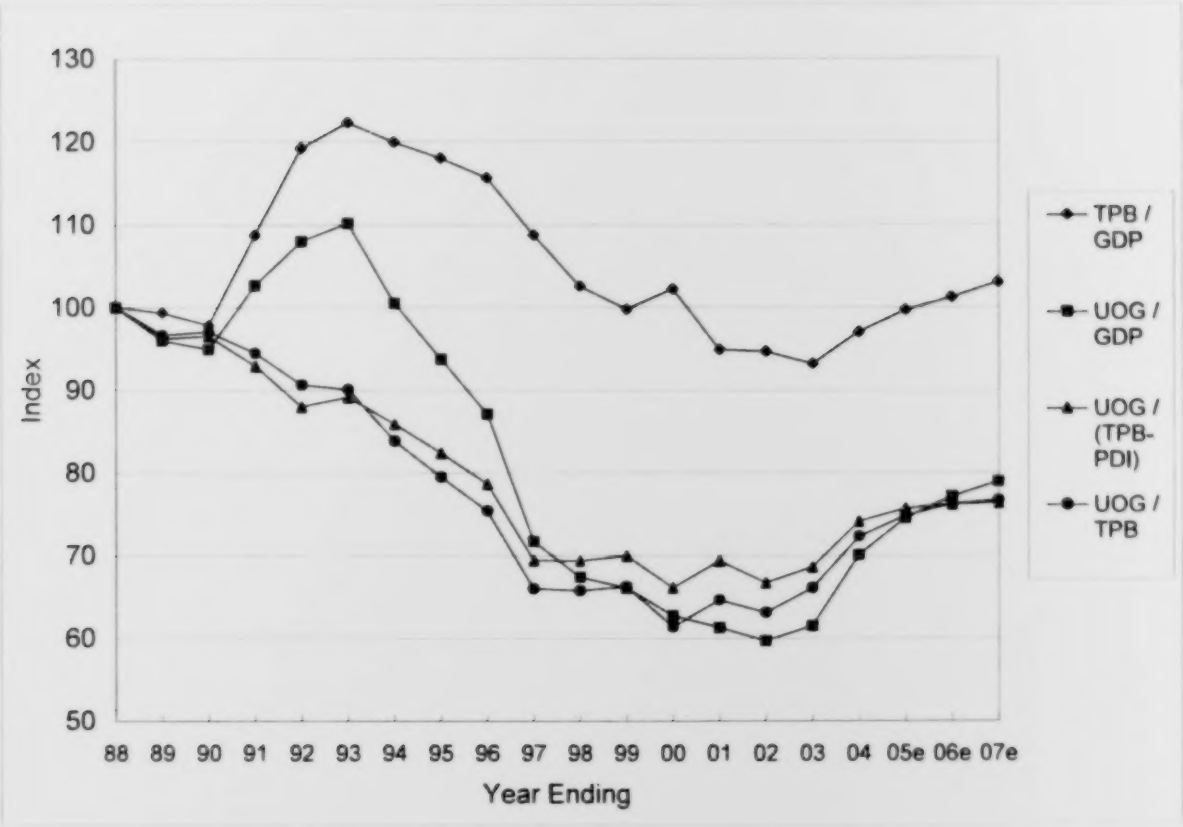
Source: Resource Document, Table 1.4

Funding Needed in 2006-07 to Achieve 1992-93 Share of GDP and Provincial Budget

1992-93 % of GDP	0.705%	1992-93 % of Prov. Budget	3.74%
2006-07 est. GDP ($ billions)	$554,529	2006-07 est. Prov. Budget ($ billions)	$87,993
apply to 2006-07 GDP ($m)	$3,908	apply to 2006-07 PB ($ millions)	$3,292
actual 2006-07 grant ($ millions)	$2,800	actual 2006-07 grant ($ millions)	$2,800
amount needed to catch up	$1,108 million	amount needed to catch up	$492 million

FIGURE 1.5

**RATIOS OF UNIVERSITY OPERATING GRANTS,
TOTAL PROVINCIAL BUDGET
AND GROSS DOMESTIC PRODUCT
ONTARIO
1987-88 TO 2006-07**



Legend GPP - Gross Provincial Product; PDI - Public Debt Interest;
TPB - Total Provincial Budget; UOG - University Operating Grants

TABLE 1.6

INCOME FROM FEDERAL GRANTS AND CONTRACTS
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

	Actual $000s	Constant 2004-05 $000s	Index of Constant 2004-05 Dollars
1987-88	$230,938	$350,880	100.0
1988-89	$253,650	$370,152	105.5
1989-90	$269,125	$372,795	106.2
1990-91	$319,665	$421,407	120.1
1991-92	$309,582	$392,450	111.8
1992-93	$338,673	$422,080	120.3
1993-94	$348,314	$428,563	122.1
1994-95	$346,555	$423,905	120.8
1995-96	$346,843	$415,748	118.5
1996-97	$327,377	$385,420	109.8
1997-98	$320,116	$372,331	106.1
1998-99	$367,305	$422,906	120.5
1999-00	$458,865	$516,944	147.3
2000-01	$585,171	$640,829	182.6
2001-02	$668,429	$716,378	204.2
2002-03	$767,949	$799,151	227.8
2003-04	$892,440	$912,062	259.9
2004-05	$941,314	$941,314	268.3

Notes: Most federal grants and contracts are for research.
Income refers to total expendable income.
Includes affiliated and federated institutions.

Source: COFO-UO, Financial Report of Ontario Universities.

FIGURE 1.6

INCOME FROM FEDERAL GRANTS AND CONTRACTS
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

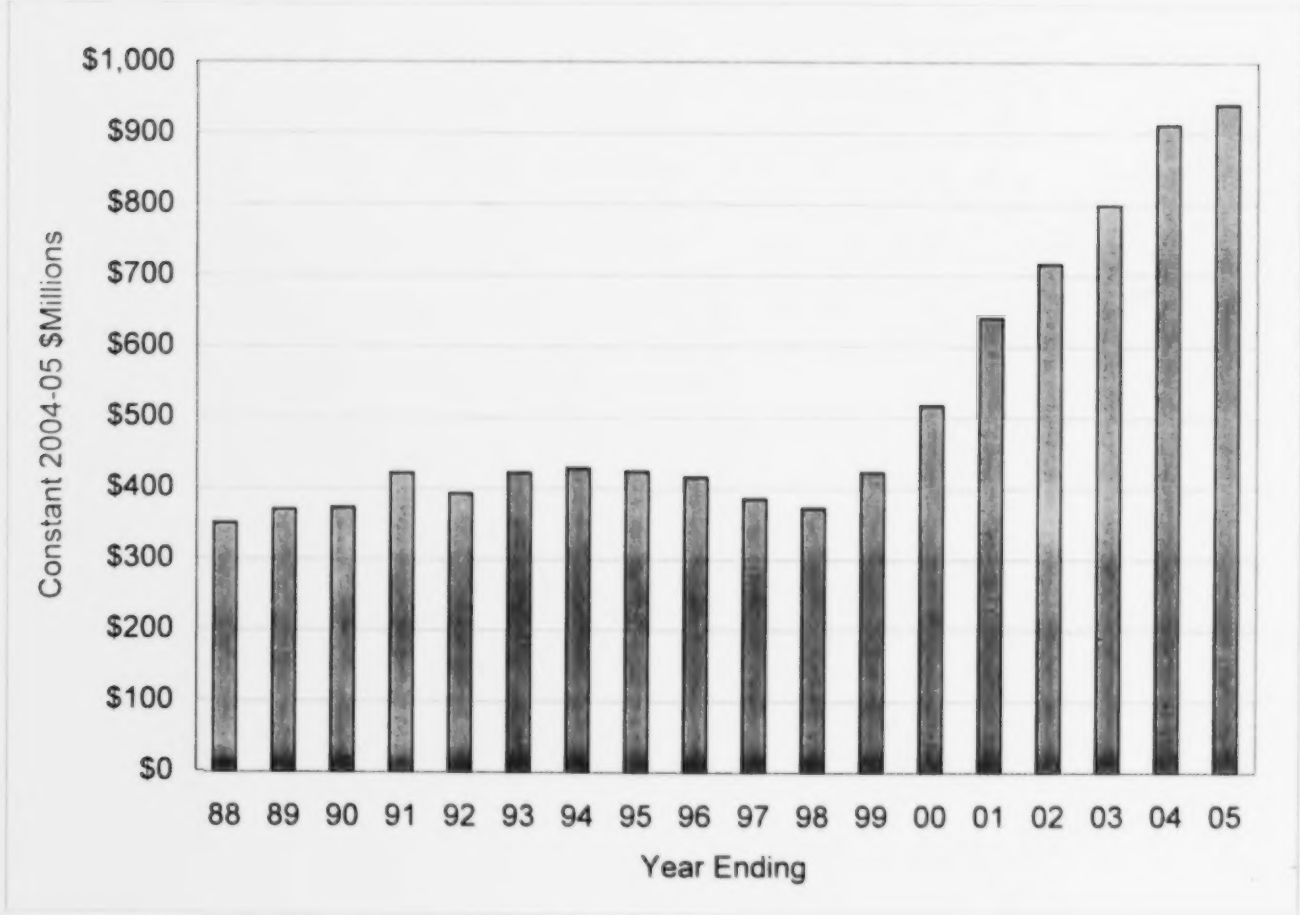


TABLE 1.7

INCOME FROM DONATIONS
AND NON-GOVERNMENT GRANTS AND CONTRACTS
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

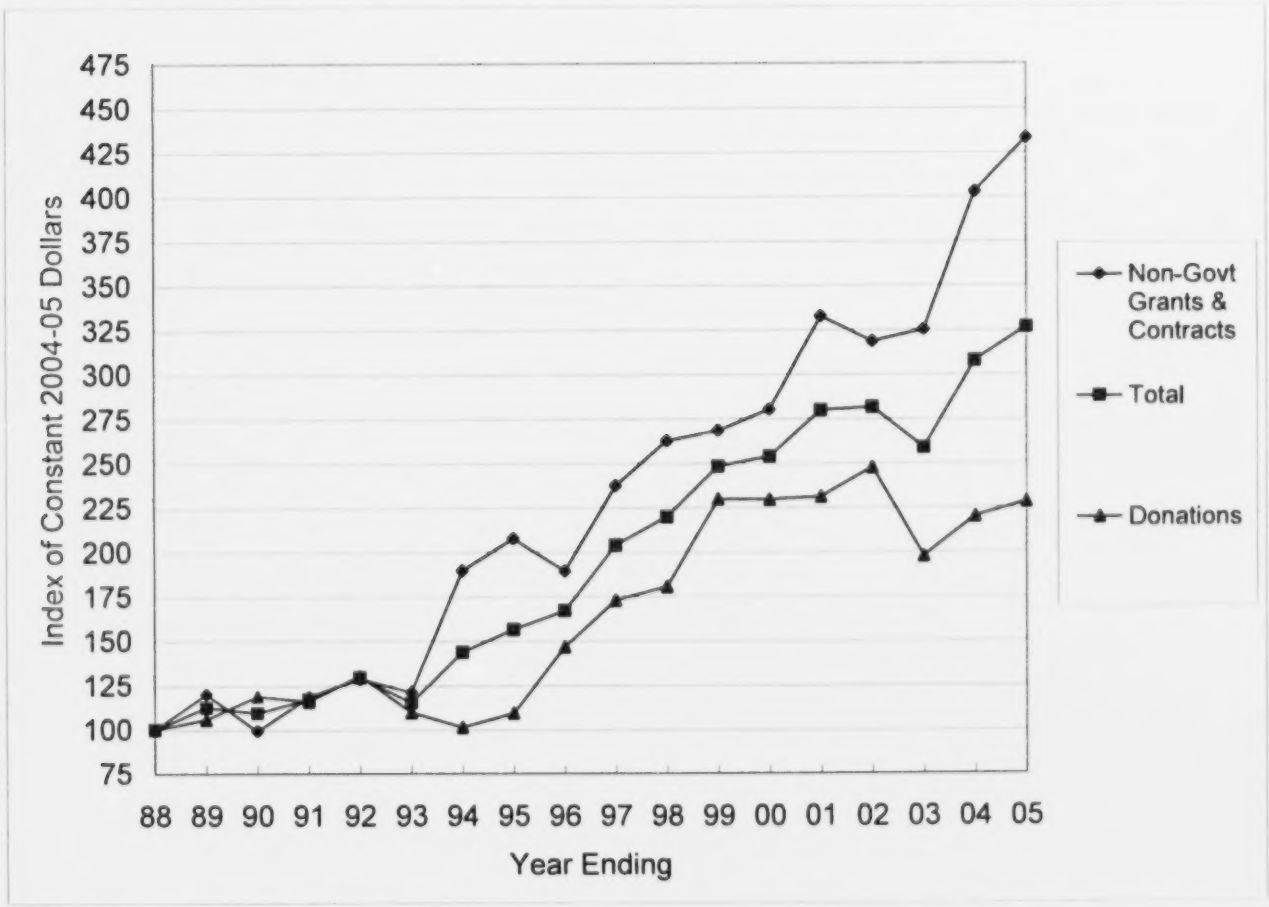
	Actual $000s							Constant 2004-05 $000s			Index of Constant 2004-05 Dollars		
	Expendable Donations	Non-Expend Donations	Donations	Expendable Non-Govt Grants & Contracts	Non-Expend Non-Govt Grants & Contracts	Non-Govt Grants & Contracts	Total	Donations	Non-Govt Grants & Contracts	Total	Donations	Non-Govt Grants & Contracts	Total
1987-88	$94,247	$19,826	$114,073	$105,214	$0	$105,214	$219,287	$173,319	$159,859	$333,178	100.0	100.0	100.0
1988-89	$108,724	$16,783	$125,507	$131,324	$680	$132,004	$257,511	$183,153	$191,641	$374,794	105.7	119.9	112.5
1989-90	$125,595	$22,946	$148,541	$114,281	$524	$114,805	$263,346	$205,760	$158,303	$364,064	118.7	99.0	109.3
1990-91	$132,927	$19,192	$152,119	$143,534	$992	$144,526	$296,645	$200,535	$189,218	$389,753	115.7	118.4	117.0
1991-92	$144,803	$33,212	$178,015	$161,932	$0	$161,932	$339,947	$225,665	$205,277	$430,943	130.2	128.4	129.3
1992-93	$131,050	$21,410	$152,460	$155,025	$25	$155,050	$307,510	$190,007	$193,204	$383,211	109.6	120.9	115.0
1993-94	$124,165	$18,547	$142,712	$246,051	$6	$246,057	$388,769	$175,592	$302,739	$478,331	101.3	189.4	143.6
1994-95	$129,143	$25,601	$154,744	$271,072	$7	$264,880	$419,624	$189,282	$331,574	$520,857	109.2	207.4	156.3
1995-96	$154,909	$56,793	$211,702	$252,169	$5	$247,495	$459,197	$253,759	$302,266	$556,025	146.4	189.1	166.9
1996-97	$120,830	$133,639	$254,469	$322,055	$890	$322,945	$577,414	$299,586	$379,155	$678,741	172.9	237.2	203.7
1997-98	$141,710	$126,892	$268,602	$360,746	$1,470	$362,216	$630,818	$312,415	$419,589	$732,003	180.3	262.5	219.7
1998-99	$210,305	$135,341	$345,646	$372,200	$6,121	$370,700	$716,346	$397,969	$428,542	$826,511	229.6	268.1	248.1
1999-00	$234,621	$118,220	$352,841	$397,264	$1,476	$392,022	$744,863	$397,500	$447,546	$845,046	229.3	280.0	253.6
2000-01	$241,671	$123,785	$365,456	$485,188	$158	$479,392	$844,848	$400,216	$531,336	$931,552	230.9	332.4	279.6
2001-02	$242,212	$157,872	$400,084	$474,519	$236	$474,755	$874,839	$428,783	$508,558	$937,341	247.4	318.1	281.3
2002-03	$224,719	$104,174	$328,893	$498,873	$353	$499,226	$820,786	$342,256	$519,142	$861,398	197.5	324.8	258.5
2003-04	$240,212	$132,438	$372,650	$629,790	$619	$630,409	$998,384	$380,843	$643,637	$1,024,481	219.7	402.6	307.5
2004-05	$257,553	$137,653	$395,206	$692,108	$336	$692,444	$1,087,650	$395,206	$692,108	$1,087,314	228.0	432.9	326.3

Notes: Total expendable income + non-expendable trust and endowment income.
Includes affiliated and federated institutions.
Total Non-Govt Grants and Contracts column has been adjusted to remove the double-counting of affiliates, where applicable.

Source: COFO-UO, Financial Report of Ontario Universities.

FIGURE 1.7

INCOME FROM DONATIONS
AND NON-GOVERNMENT GRANTS AND CONTRACTS,
ONTARIO UNIVERSITIES,
1987-88 TO 2004-05



Section 2

Grants and Revenue: Jurisdictional Comparisons

TABLE 2.1

PERCENT OF UNIVERSITY OPERATING INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2004-05

	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Provincial Government Grants												
1987-88	83.8%	84.6%	75.7%	76.3%	89.3%	82.3%	77.8%	84.2%	77.7%	83.9%	76.7%	81.1%
1988-89	84.3%	84.3%	74.4%	76.9%	88.9%	80.7%	75.7%	84.1%	77.0%	83.3%	76.2%	80.5%
1989-90	83.9%	84.4%	73.3%	76.2%	88.3%	79.7%	75.4%	82.4%	76.0%	82.5%	75.3%	79.7%
1990-91	83.6%	83.8%	72.9%	75.8%	85.6%	78.5%	73.8%	81.4%	77.1%	81.1%	74.7%	78.6%
1991-92	82.7%	80.8%	70.2%	74.0%	82.2%	75.7%	72.8%	80.5%	76.3%	78.9%	74.1%	77.1%
1992-93	82.0%	80.0%	68.6%	71.6%	80.8%	74.5%	70.8%	78.2%	75.9%	77.5%	72.5%	75.6%
1993-94	79.8%	79.0%	66.8%	70.8%	79.4%	73.4%	68.8%	76.2%	74.3%	76.0%	69.8%	73.6%
1994-95	78.9%	78.2%	63.4%	70.4%	79.3%	72.1%	66.8%	72.9%	73.3%	74.8%	67.6%	72.1%
1995-96	77.3%	77.3%	61.3%	69.8%	78.0%	72.3%	64.9%	69.2%	72.0%	73.1%	65.7%	70.2%
1996-97	72.9%	75.5%	57.3%	68.5%	76.6%	72.8%	64.3%	66.9%	70.6%	71.3%	59.4%	66.8%
1997-98	69.3%	71.1%	55.0%	66.9%	74.3%	71.3%	63.6%	63.4%	68.5%	68.8%	57.3%	64.5%
1998-99	67.1%	68.3%	53.9%	64.9%	75.1%	70.9%	63.4%	62.2%	69.5%	68.7%	54.8%	63.4%
1999-00	68.6%	66.2%	52.2%	63.9%	74.5%	69.0%	64.6%	58.6%	67.0%	68.4%	51.5%	61.7%
2000-01	69.0%	63.3%	50.9%	62.3%	74.8%	70.3%	62.3%	56.7%	67.2%	66.6%	50.6%	60.2%
2001-02	71.5%	62.7%	49.9%	60.4%	74.5%	69.4%	61.0%	59.1%	66.9%	66.8%	49.6%	60.0%
2002-03	70.6%	57.9%	43.9%	55.9%	72.1%	64.1%	57.4%	61.2%	62.5%	64.3%	49.2%	58.4%
2003-04	72.0%	54.8%	41.8%	53.7%	71.1%	63.6%	54.1%	55.4%	59.0%	61.9%	48.3%	56.4%
2004-05	71.7%	52.7%	40.7%	52.9%	71.1%	62.7%	57.6%	58.3%	53.9%	61.3%	48.3%	56.0%
04-05 rank	(1)	(8)	(10)	(7)	(2)	(3)	(5)	(4)	(6)		(9)	
Fees												
1987-88	13.8%	14.6%	21.8%	20.4%	8.7%	14.9%	16.4%	14.5%	19.5%	13.7%	20.3%	16.3%
1988-89	13.1%	14.4%	21.8%	21.1%	8.8%	16.6%	16.8%	14.5%	20.5%	14.0%	20.7%	16.6%
1989-90	13.1%	13.8%	22.6%	21.3%	8.6%	17.4%	17.2%	14.6%	20.9%	14.1%	21.2%	16.9%
1990-91	13.6%	14.3%	23.1%	21.8%	11.3%	18.6%	18.3%	15.4%	20.2%	15.5%	21.9%	18.0%
1991-92	15.3%	16.8%	26.0%	23.8%	14.6%	21.3%	19.8%	17.2%	21.1%	17.9%	22.4%	19.7%
1992-93	16.3%	17.8%	27.9%	26.5%	16.1%	23.8%	22.2%	20.0%	21.5%	19.6%	23.8%	21.2%
1993-94	18.3%	19.0%	29.9%	27.5%	17.0%	25.0%	22.5%	22.4%	23.2%	21.0%	26.6%	23.1%
1994-95	19.3%	19.6%	32.9%	27.5%	17.3%	26.3%	24.6%	25.3%	23.6%	22.0%	28.5%	24.5%
1995-96	20.4%	20.2%	35.3%	28.0%	17.7%	25.7%	27.3%	27.8%	24.5%	23.1%	30.1%	25.8%
1996-97	23.8%	22.9%	39.0%	28.9%	18.9%	25.9%	27.3%	30.0%	25.0%	24.6%	35.8%	28.8%
1997-98	27.2%	26.0%	41.7%	30.7%	21.1%	27.0%	29.8%	30.1%	25.2%	26.3%	37.6%	30.6%
1998-99	28.3%	26.8%	42.0%	32.1%	20.6%	27.3%	30.0%	32.4%	25.8%	26.7%	39.9%	31.8%
1999-00	27.6%	29.6%	42.4%	33.1%	21.3%	26.4%	29.6%	29.9%	26.4%	27.8%	42.0%	33.5%
2000-01	26.1%	30.2%	43.4%	34.7%	20.8%	27.5%	30.5%	30.5%	26.0%	27.0%	42.3%	33.1%
2001-02	23.5%	29.7%	44.5%	37.3%	20.4%	27.7%	32.3%	31.3%	25.4%	27.0%	44.1%	33.8%
2002-03	22.6%	28.1%	44.3%	37.6%	18.2%	27.1%	31.8%	35.3%	28.6%	27.0%	45.7%	34.3%
2003-04	21.5%	29.3%	46.5%	40.2%	19.4%	27.7%	31.9%	32.5%	33.6%	28.4%	45.6%	35.3%
2004-05	21.4%	31.0%	48.3%	40.5%	19.5%	28.3%	32.1%	32.8%	38.4%	29.6%	45.0%	35.9%
04-05 rank	(9)	(7)	(1)	(3)	(10)	(8)	(6)	(5)	(4)		(2)	
Other Sources												
1987-88	2.4%	0.8%	2.5%	3.3%	2.1%	2.8%	5.8%	1.3%	2.8%	2.4%	3.0%	2.6%
1988-89	2.5%	1.3%	3.8%	2.1%	2.3%	2.8%	7.5%	1.4%	2.5%	2.7%	3.0%	2.8%
1989-90	3.1%	1.8%	4.1%	2.5%	3.0%	2.9%	7.4%	3.0%	3.1%	3.4%	3.5%	3.4%
1990-91	2.8%	1.9%	4.0%	2.4%	3.1%	2.9%	7.8%	3.2%	2.7%	3.3%	3.4%	3.4%
1991-92	1.9%	2.5%	3.8%	2.1%	3.2%	3.0%	7.4%	2.3%	2.6%	3.2%	3.4%	3.3%
1992-93	1.8%	2.2%	3.5%	1.9%	3.2%	1.8%	7.1%	1.8%	2.6%	2.9%	3.6%	3.2%
1993-94	1.8%	2.0%	3.3%	1.7%	3.6%	1.6%	8.7%	1.4%	2.4%	3.1%	3.6%	3.3%
1994-95	1.8%	2.2%	3.7%	2.1%	3.4%	1.6%	8.6%	1.8%	3.1%	3.2%	3.9%	3.5%
1995-96	2.3%	2.5%	3.3%	2.2%	4.4%	2.0%	7.8%	3.0%	3.5%	3.8%	4.2%	4.0%
1996-97	3.4%	1.6%	3.7%	2.6%	4.5%	1.4%	8.3%	3.1%	4.4%	4.1%	4.8%	4.4%
1997-98	3.5%	3.0%	3.2%	2.4%	4.6%	1.7%	6.6%	6.5%	6.3%	4.9%	5.1%	5.0%
1998-99	4.5%	4.9%	4.1%	3.0%	4.2%	1.8%	6.7%	5.4%	4.6%	4.5%	5.3%	4.8%
1999-00	3.8%	4.1%	5.4%	2.9%	4.1%	2.6%	5.8%	11.5%	6.6%	3.8%	6.6%	4.8%
2000-01	4.9%	6.5%	5.7%	3.0%	4.5%	7.0%	2.2%	7.2%	12.9%	6.4%	7.0%	6.7%
2001-02	4.9%	7.6%	5.5%	2.2%	5.1%	6.2%	2.9%	6.7%	9.6%	6.2%	6.2%	6.2%
2002-03	6.8%	14.1%	11.8%	6.5%	9.8%	5.1%	8.8%	10.9%	3.5%	8.6%	5.1%	7.3%
2003-04	6.5%	15.9%	11.6%	6.1%	9.5%	6.1%	8.8%	14.0%	12.1%	9.8%	6.1%	8.3%
2004-05	7.0%	16.3%	11.1%	6.5%	9.4%	6.6%	8.9%	10.3%	8.9%	9.1%	6.6%	8.1%
04-05 rank	(7)	(1)	(2)	(10)	(4)	(8)	(5)	(3)	(6)		(8)	

Notes
Fees = Credit Courses + Non-Credit Courses + Misc Fees
Other Sources = Municipal Govt Grants + Other Govt Grants + Bequests/Donations/Non-Govt Grants + Sales of Service/Products + Investment Income + Misc Income + Federal Government Grants (SSHRC + Health/Welfare + NSERC + MRC + Other Grants)
Due to an accounting change, Sales of Service/Products was omitted in 1999-00 and 2000-01 to make "income from other sources" more consistent with previous years.
Provincial Government Grants includes grants from other provinces.
For each province and year, percentages add to 100 across the three categories of income source.

Source
Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.

FIGURE 2.1

PERCENT OF UNIVERSITY OPERATING INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2004-05

X-Axes Year Ending
Y-Axes Percent of University Operating Income
Legend Diamond - Ontario; Square - Canada; Triangle - 9 Provinces

TABLE 2.2

PERCENT OF TOTAL UNIVERSITY INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2004-05

	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Federal Government Grants												
1987-88	6.6%	2.6%	8.8%	6.0%	9.1%	9.1%	8.4%	7.4%	10.7%	8.7%	8.1%	8.5%
1988-89	15.1%	3.2%	10.2%	6.7%	9.6%	10.8%	9.4%	7.4%	10.6%	9.5%	7.7%	8.8%
1989-90	11.6%	2.8%	10.9%	6.6%	9.5%	10.0%	7.9%	7.7%	9.7%	9.2%	7.8%	8.6%
1990-91	10.4%	2.6%	13.0%	6.5%	10.0%	9.1%	8.4%	8.7%	11.9%	10.0%	8.5%	9.4%
1991-92	9.6%	4.0%	12.5%	6.3%	9.6%	8.5%	9.4%	8.5%	11.5%	9.7%	7.6%	8.9%
1992-93	12.4%	3.6%	11.2%	6.5%	9.1%	8.4%	10.2%	8.4%	11.5%	9.5%	8.0%	8.9%
1993-94	11.7%	2.5%	9.3%	6.1%	9.3%	7.8%	9.9%	8.2%	11.0%	9.3%	8.2%	8.8%
1994-95	10.5%	2.0%	9.5%	7.5%	8.9%	8.3%	9.9%	9.5%	10.7%	9.3%	8.0%	8.8%
1995-96	9.3%	1.7%	8.8%	6.7%	8.8%	7.0%	8.2%	10.5%	9.0%	8.8%	7.9%	8.5%
1996-97	9.3%	2.0%	9.3%	5.2%	8.8%	7.7%	8.2%	10.0%	8.2%	8.6%	7.7%	8.3%
1997-98	10.7%	2.8%	6.8%	5.3%	8.1%	7.8%	6.5%	8.6%	7.9%	7.9%	7.1%	7.6%
1998-99	10.9%	4.3%	6.4%	5.0%	9.6%	7.8%	7.8%	8.6%	9.2%	8.7%	7.7%	8.3%
1999-00	10.4%	2.8%	7.9%	6.1%	10.7%	8.0%	9.8%	9.4%	9.0%	9.5%	7.5%	8.7%
2000-01	11.2%	5.7%	7.7%	6.3%	12.1%	8.6%	10.0%	8.7%	9.3%	10.0%	9.5%	9.8%
2001-02	8.7%	4.4%	8.6%	7.1%	13.1%	8.4%	11.5%	11.6%	10.7%	11.4%	10.3%	11.0%
2002-03	11.1%	25.2%	9.4%	7.1%	14.3%	11.3%	13.6%	12.5%	12.3%	12.9%	11.4%	12.3%
2003-04	11.4%	9.2%	9.0%	9.9%	15.5%	10.8%	10.4%	11.7%	11.5%	12.7%	10.7%	11.9%
2004-05	11.2%	21.0%	10.1%	10.9%	14.7%	12.1%	10.2%	11.3%	12.9%	12.8%	10.4%	11.9%
04-05 Rank	(6)	(1)	(10)	(7)	(2)	(4)	(9)	(5)	(3)		(8)	
Provincial Government Grants												
1987-88	72.3%	74.4%	53.0%	60.4%	71.1%	63.3%	64.5%	65.0%	55.3%	65.1%	56.7%	61.9%
1988-89	65.3%	71.3%	52.5%	59.0%	69.8%	59.7%	62.2%	64.8%	56.3%	63.9%	56.3%	60.9%
1989-90	67.4%	63.7%	51.4%	56.4%	67.8%	59.6%	65.9%	64.5%	55.2%	63.0%	55.7%	60.2%
1990-91	67.8%	70.9%	49.8%	57.0%	67.2%	59.3%	63.0%	61.7%	55.0%	62.0%	53.7%	58.8%
1991-92	66.4%	69.8%	48.4%	56.0%	63.0%	58.1%	56.8%	61.8%	55.4%	59.7%	55.1%	57.9%
1992-93	64.9%	68.2%	48.0%	54.7%	62.2%	57.9%	54.8%	58.7%	53.6%	58.5%	54.0%	56.7%
1993-94	60.7%	70.1%	47.2%	54.9%	62.4%	56.4%	53.4%	56.0%	52.6%	57.6%	50.1%	54.7%
1994-95	62.0%	68.3%	44.5%	52.4%	63.9%	54.3%	52.4%	52.6%	51.2%	57.0%	48.7%	53.8%
1995-96	61.5%	65.0%	43.2%	52.9%	63.1%	53.2%	51.1%	48.4%	51.0%	55.6%	46.9%	52.3%
1996-97	55.3%	64.7%	39.1%	50.6%	61.8%	56.2%	49.1%	47.4%	48.8%	53.8%	42.0%	49.4%
1997-98	52.6%	59.2%	39.0%	49.7%	59.0%	53.3%	48.6%	46.8%	46.1%	51.6%	40.0%	47.1%
1998-99	52.2%	58.2%	38.5%	48.0%	57.1%	54.1%	48.7%	47.2%	45.7%	50.9%	38.8%	46.2%
1999-00	50.2%	52.0%	32.5%	44.7%	52.3%	50.5%	47.1%	45.0%	41.6%	46.9%	38.9%	43.6%
2000-01	50.6%	48.3%	33.0%	44.1%	53.0%	48.7%	48.4%	39.2%	43.0%	46.3%	36.6%	42.5%
2001-02	53.4%	46.5%	32.4%	44.2%	52.1%	49.8%	45.5%	42.0%	43.2%	46.5%	34.9%	42.1%
2002-03	54.8%	39.0%	31.6%	44.2%	53.5%	46.9%	46.9%	48.7%	42.4%	48.0%	36.1%	43.5%
2003-04	53.4%	44.8%	29.0%	41.4%	51.9%	47.1%	42.9%	40.3%	40.9%	45.1%	33.5%	40.5%
2004-05	51.6%	38.7%	28.2%	38.0%	53.0%	46.2%	47.0%	46.3%	39.0%	46.0%	36.3%	42.0%
04-05 Rank	(2)	(7)	(10)	(8)	(1)	(5)	(3)	(4)	(6)		(9)	

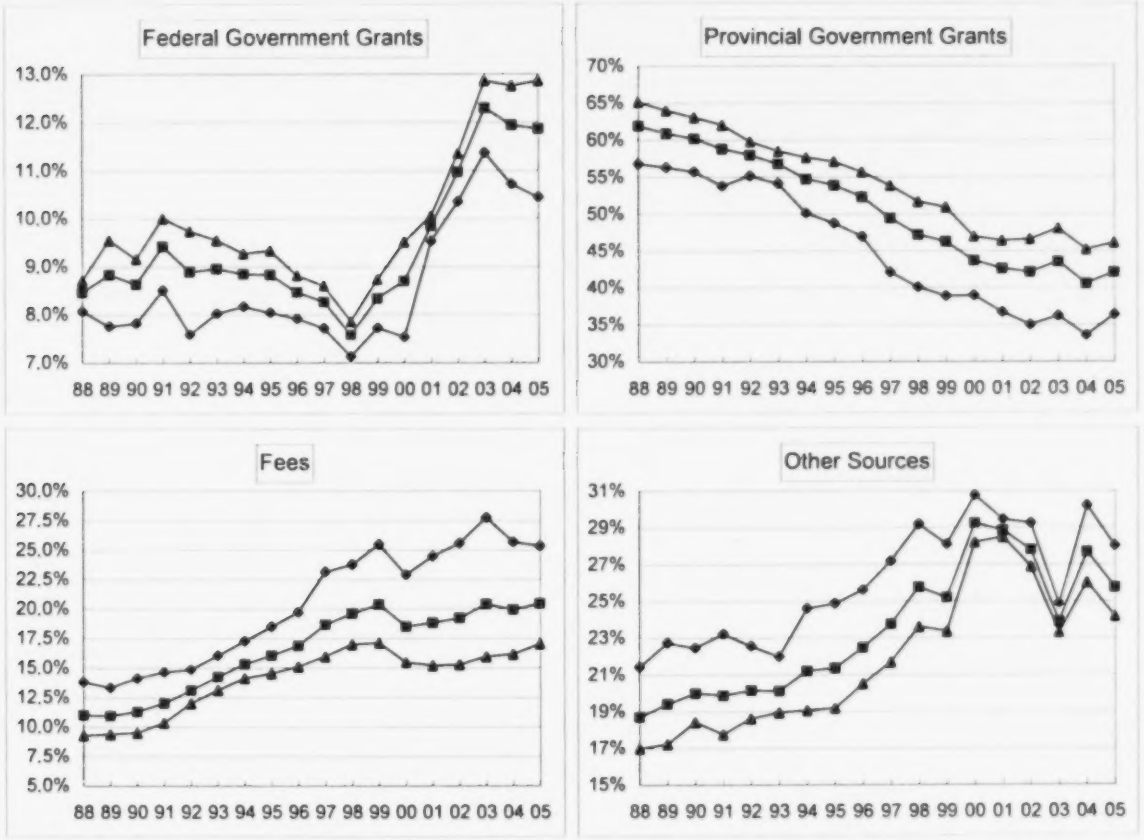
	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Fees												
1987-88	10.4%	10.2%	14.9%	14.5%	6.0%	10.3%	10.8%	8.7%	12.6%	9.2%	13.8%	11.0%
1988-89	9.7%	12.1%	14.8%	14.6%	6.1%	11.1%	11.0%	8.7%	12.9%	9.3%	13.3%	10.9%
1989-90	10.3%	10.3%	15.4%	15.0%	6.0%	11.8%	10.2%	9.0%	13.1%	9.5%	14.1%	11.3%
1990-91	10.8%	12.0%	15.1%	15.7%	7.8%	12.3%	11.1%	9.7%	12.4%	10.3%	14.6%	12.0%
1991-92	11.9%	14.4%	17.0%	16.9%	9.9%	14.3%	14.0%	11.2%	12.7%	12.0%	14.8%	13.1%
1992-93	12.2%	15.1%	18.5%	18.7%	10.9%	16.3%	15.6%	12.8%	13.5%	13.1%	16.0%	14.2%
1993-94	13.7%	16.4%	20.4%	19.4%	11.6%	17.5%	15.6%	14.4%	14.5%	14.1%	17.2%	15.3%
1994-95	14.8%	16.7%	22.4%	19.3%	11.6%	18.1%	16.4%	16.2%	14.0%	14.5%	18.4%	16.0%
1995-96	15.4%	15.7%	24.2%	18.9%	11.8%	17.2%	16.4%	17.4%	14.9%	15.1%	19.6%	16.8%
1996-97	17.8%	19.1%	25.5%	20.6%	12.4%	17.9%	16.4%	18.8%	15.2%	15.9%	23.1%	18.6%
1997-98	20.4%	21.1%	28.2%	21.6%	13.6%	18.3%	16.9%	18.5%	16.0%	16.9%	23.7%	19.6%
1998-99	21.6%	21.9%	28.5%	22.5%	13.1%	18.2%	16.6%	19.6%	16.4%	17.1%	25.4%	20.3%
1999-00	19.7%	22.2%	24.4%	21.5%	11.6%	17.6%	15.5%	16.8%	15.6%	15.4%	22.9%	18.5%
2000-01	18.6%	21.8%	25.4%	22.1%	11.2%	15.7%	14.2%	16.5%	15.8%	15.2%	24.4%	18.8%
2001-02	16.9%	20.6%	27.8%	25.3%	10.8%	17.5%	15.7%	17.0%	15.1%	15.3%	25.5%	19.2%
2002-03	17.0%	17.7%	30.5%	26.8%	10.2%	17.4%	16.9%	20.8%	16.0%	15.9%	27.7%	20.4%
2003-04	15.5%	22.3%	31.0%	28.6%	10.5%	17.9%	17.3%	16.8%	18.9%	16.1%	25.6%	19.9%
2004-05	14.8%	21.5%	32.1%	26.7%	11.1%	17.5%	16.7%	17.5%	21.1%	17.0%	25.3%	20.4%
04-05 Rank	(9)	(4)	(1)	(2)	(10)	(6)	(8)	(7)	(5)		(3)	
Other Sources												
1987-88	10.8%	12.8%	23.3%	19.1%	13.8%	17.3%	16.3%	18.9%	21.4%	17.0%	21.4%	18.7%
1988-89	9.9%	13.4%	22.5%	19.7%	14.5%	18.4%	17.3%	19.1%	20.1%	17.2%	22.7%	19.4%
1989-90	10.7%	23.2%	22.4%	21.9%	16.7%	18.7%	16.0%	18.8%	22.0%	18.4%	22.4%	20.0%
1990-91	11.0%	14.5%	22.0%	20.8%	15.0%	19.2%	17.6%	19.9%	20.7%	17.7%	23.2%	19.8%
1991-92	12.1%	11.7%	22.2%	20.8%	17.4%	19.1%	19.7%	18.6%	20.4%	18.6%	22.5%	20.1%
1992-93	10.5%	13.1%	22.3%	20.1%	17.8%	17.4%	19.4%	20.1%	21.4%	18.9%	22.0%	20.1%
1993-94	13.8%	11.0%	23.1%	19.6%	16.8%	18.3%	21.1%	21.4%	21.9%	19.0%	24.6%	21.2%
1994-95	12.7%	13.0%	23.7%	20.9%	15.6%	19.3%	21.2%	21.6%	24.0%	19.2%	24.8%	21.3%
1995-96	13.7%	17.6%	23.8%	21.5%	16.3%	22.5%	24.4%	23.7%	25.1%	20.5%	25.6%	22.4%
1996-97	17.6%	14.2%	26.2%	23.6%	17.1%	18.2%	26.3%	23.7%	27.9%	21.7%	27.2%	23.7%
1997-98	16.2%	16.8%	26.0%	23.5%	19.3%	20.7%	28.0%	26.2%	29.9%	23.6%	29.2%	25.7%
1998-99	15.3%	15.6%	26.6%	24.5%	20.2%	19.8%	26.8%	24.7%	28.6%	23.3%	28.1%	25.2%
1999-00	19.7%	23.0%	35.1%	27.7%	25.5%	24.0%	27.6%	28.8%	33.7%	28.2%	30.7%	29.2%
2000-01	19.6%	24.2%	33.9%	27.4%	23.6%	27.1%	27.3%	35.6%	32.0%	28.5%	29.4%	28.8%
2001-02	21.0%	28.5%	31.2%	23.4%	24.0%	24.2%	27.3%	29.4%	31.1%	26.9%	29.2%	27.8%
2002-03	17.1%	18.1%	28.5%	21.9%	22.0%	24.4%	22.6%	18.0%	29.2%	23.3%	24.8%	23.9%
2003-04	19.7%	23.8%	31.0%	20.1%	22.2%	24.2%	29.3%	31.1%	28.8%	26.0%	30.2%	27.7%
2004-05	22.3%	18.7%	29.6%	24.4%	21.2%	24.3%	26.1%	24.9%	27.0%	24.1%	28.0%	25.7%
04-05 Rank	(8)	(10)	(1)	(6)	(9)	(7)	(4)	(5)	(3)		(2)	

Notes: Total Income = General Operating + Special Purpose/Trust + Sponsored Research + Ancillary Enterprises + Plant.
Federal Government Grants = SSHRC + Health/Welfare + NSERC + MRC + Other Grants.
Fees = Credit Courses + Non-Credit Courses + Misc Fees.
Other Sources = Municipal Govt Grants + Other Govt Grants + Bequests/Donations/Non-Govt Grants.
Provincial Government Grants includes other provinces
For each province and year, percentages add to 100 across the four categories of income source.

Source: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.

FIGURE 2.2

PERCENT OF TOTAL UNIVERSITY INCOME
BY SOURCE OF INCOME
PROVINCIAL COMPARISON
1987-88 TO 2004-05



X-Axes Year Ending
Y-Axes Percent of Total University Income
Legend Diamond - Ontario; Square - Canada; Triangle - 9 Provinces

TABLE 2.3

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2003-04

		1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	*2002-03*	*2003-04*
Nfld	Actual $	$8,233	$8,668	$8,642	$8,390	$8,996	$8,719	$8,879	$8,400	$8,201	$8,018	$7,615	$7,643	$8,040	$8,950	*$9,071*	*$9,684*
	Rank	(1)	(1)	(1)	(2)	(1)	(1)	(1)	(2)	(2)	(2)	(4)	(3)	(4)	(1)	*(2)*	*(1)*
PEI	Actual $	$7,771	$8,083	$8,219	$8,008	$7,907	$7,919	$7,927	$8,318	$8,960	$7,885	$7,933	$7,490	$7,210	$7,711	*$7,881*	*$7,449*
	Rank	(2)	(2)	(3)	(4)	(5)	(4)	(4)	(4)	(1)	(4)	(2)	(5)	(7)	(6)	*(6)*	*(7)*
NS	Actual $	$6,276	$6,305	$6,494	$6,224	$6,132	$6,039	$5,818	$5,787	$5,375	$5,326	$5,606	$5,749	$5,665	$6,646	*$5,507*	*$5,394*
	Rank	(9)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	*(10)*	*(10)*
NB	Actual $	$6,664	$6,908	$7,162	$6,861	$6,534	$6,593	$6,630	$6,733	$6,995	$7,127	$7,042	$7,224	$6,964	$6,944	*$7,347*	*$6,871*
	Rank	(7)	(8)	(8)	(9)	(9)	(9)	(8)	(7)	(6)	(6)	(7)	(7)	(8)	(8)	*(8)*	*(8)*
Que	Actual $	$7,340	$7,827	$8,270	$8,443	$8,427	$8,390	$8,593	$8,386	$7,941	$7,504	$7,803	$7,624	$8,073	$8,564	*$9,298*	*$9,321*
	Rank	(4)	(3)	(2)	(1)	(2)	(3)	(3)	(3)	(4)	(5)	(5)	(4)	(3)	(4)	*(1)*	*(2)*
Man	Actual $	$7,150	$7,483	$7,666	$7,579	$7,661	$7,732	$7,051	$7,698	$7,938	$8,188	$8,537	$8,983	$8,745	$8,684	*$8,614*	*$8,335*
	Rank	(5)	(5)	(5)	(6)	(6)	(6)	(6)	(5)	(5)	(1)	(1)	(1)	(2)	(3)	*(4)*	*(4)*
Sask	Actual $	$7,011	$7,215	$7,194	$7,528	$7,225	$7,110	$6,849	$6,748	$6,946	$6,755	$7,135	$7,606	$7,922	$8,361	*$7,994*	*$8,131*
	Rank	(6)	(6)	(7)	(7)	(7)	(7)	(7)	(6)	(7)	(7)	(6)	(5)	(5)	(5)	*(5)*	*(5)*
Alta	Actual $	$7,364	$7,493	$7,605	$7,859	$7,942	$7,782	$7,190	$6,698	$6,527	$6,744	$6,740	$6,955	$7,214	$7,686	*$7,567*	*$7,905*
	Rank	(3)	(4)	(6)	(5)	(4)	(5)	(5)	(8)	(8)	(8)	(8)	(8)	(6)	(7)	*(7)*	*(6)*
BC	Actual $	$6,439	$7,076	$7,862	$8,201	$8,393	$8,446	$8,653	$8,487	$8,081	$8,014	$7,920	$8,296	$8,974	$8,823	*$8,888*	*$8,677*
	Rank	(8)	(7)	(4)	(3)	(3)	(2)	(2)	(1)	(3)	(3)	(3)	(2)	(1)	(2)	*(3)*	*(3)*
9 Provs	Actual $	$7,119	$7,503	$7,867	$7,999	$8,020	$7,973	$7,948	$7,782	$7,504	$7,332	$7,490	$7,563	$7,903	$8,208	*$8,512*	*$8,500*
Diff from Ont	Actual $	$848	$1,029	$1,095	$1,050	$956	$1,297	$1,337	$1,114	$1,625	$1,428	$1,509	$1,604	$1,789	$2,182	*$2,459*	*$2,448*
Ont	Actual $	$6,271	$6,474	$6,772	$6,949	$7,064	$6,676	$6,611	$6,668	$5,878	$5,904	$5,981	$5,960	$6,115	$6,025	*$6,053*	*$6,052*
	Rank	(10)	(9)	(9)	(8)	(8)	(8)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	*(9)*	*(9)*
Canada	Actual $	$6,816	$7,133	$7,470	$7,617	$7,677	$7,511	$7,474	$7,389	$6,937	$6,834	$6,966	$7,002	$7,272	$7,436	*$7,625*	*$7,578*
Diff from Ont	Actual $	$544	$659	$699	$668	$612	$835	$863	$721	$1,059	$930	$985	$1,043	$1,157	$1,410	*$1,572*	*$1,526*

Notes

Corresponding Figure 2.3 displays constant 2003-04 dollars, not actual dollars.

Sources

Operating Grants

To 1989-90: Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992, Last Tripartite report.
1990-91 onwards: The year-to-year percentage changes in provincial operating grants contained in the Financial Reports of the Canadian Association of University Business Officers were used to estimate provincial operating grants for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology.

Enrolment

To 1989-90: Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992, Last Tripartite report.
1990-91 onwards: The year-to-year percentage changes in FTE enrolment provided by Statistics Canada were used to estimate FTE enrolment for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology.

Amount to attain level of other 9 provinces in 2003-04:

Using numbers based on the Tripartite Committee

	FTE	Ont Grant per FTE	9 Prov Grant per FTE	Provincial Operating Grant Income	Provincial Operating Grant Income at 9 Province Funding	Amount Needed for Ontario to Catch Up
Ontario	346,364	$6,052		$2,096,167,402	$2,944,090,960	$847,923,558
9 Prov	573,004		$8,500			

FIGURE 2.3

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2003-04

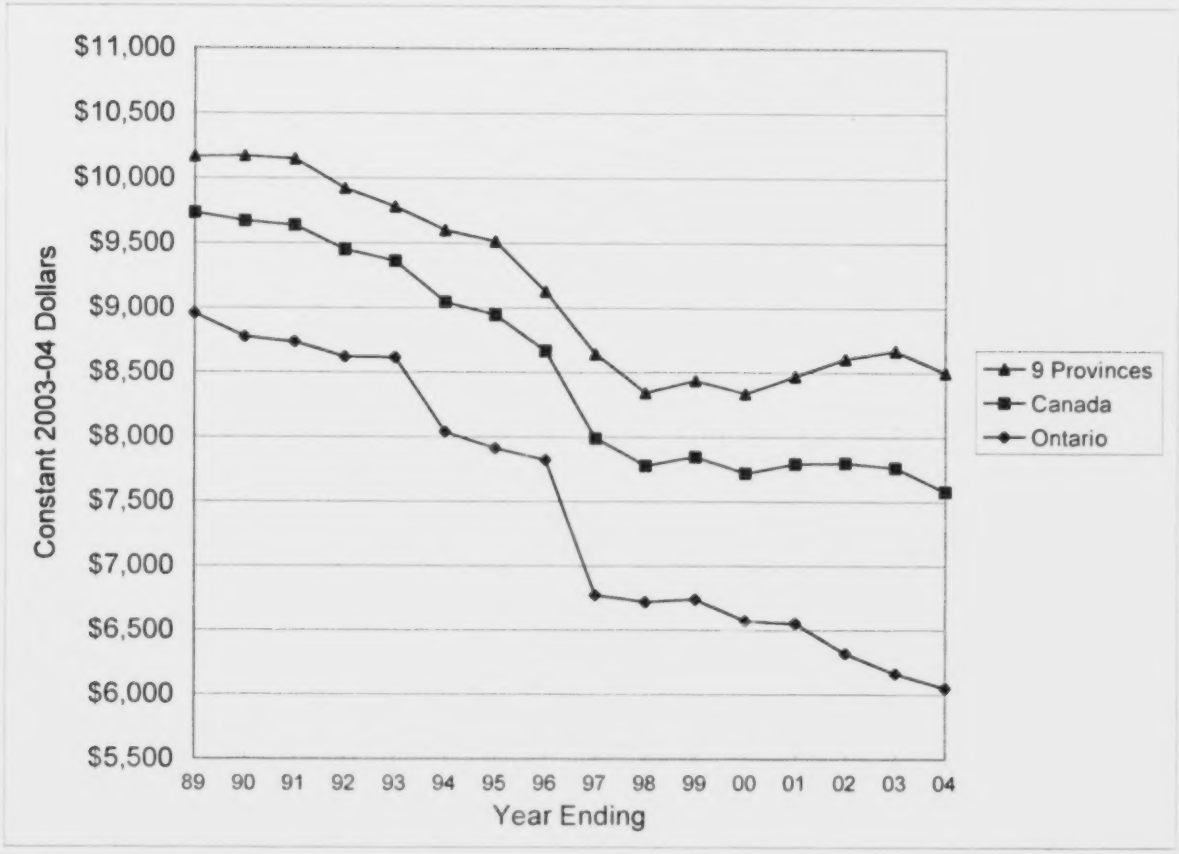


TABLE 2.4

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER CAPITA
PROVINCIAL COMPARISON
1988-89 TO 2004-05

		1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Nfld	Actual $	$185.92	$200.39	$214.26	$213.78	$233.33	$222.12	$228.60	$218.37	$212.39	$209.01	$207.54	$225.00	$239.55	$265.69	$279.73	$310.10	$326.03
	Rank	(3)	(3)	(2)	(3)	(2)	(2)	(2)	(2)	(2)	(1)	(2)	(1)	(1)	(1)	(2)	(1)	(1)
PEI	Actual $	$171.55	$186.29	$204.61	$206.12	$210.14	$203.23	$187.60	$184.54	$187.07	$174.67	$176.09	$175.88	$181.72	$193.64	$209.51	$216.37	$218.92
	Rank	(5)	(5)	(4)	(4)	(4)	(4)	(5)	(6)	(5)	(6)	(6)	(8)	(9)	(9)	(7)	(8)	(8)
NS	Actual $	$192.14	$202.19	$212.99	$214.55	$215.48	$214.09	$203.92	$200.57	$186.89	$185.91	$195.89	$200.92	$204.17	$215.54	$218.24	$228.08	$230.84
	Rank	(2)	(2)	(3)	(2)	(3)	(3)	(3)	(4)	(6)	(5)	(5)	(5)	(5)	(4)	(5)	(4)	(5)
NB	Actual $	$168.22	$179.92	$193.05	$196.09	$195.72	$200.53	$200.92	$202.84	$203.65	$201.54	$200.09	$201.85	$204.72	$210.35	$225.63	$222.15	$226.54
	Rank	(7)	(7)	(6)	(6)	(6)	(5)	(4)	(3)	(3)	(3)	(3)	(4)	(4)	(6)	(4)	(6)	(7)
Que	Actual $	$207.87	$223.61	$237.76	$248.01	$254.73	$254.02	$253.45	$240.89	$223.88	$208.50	$219.22	$218.85	$230.47	$250.96	$285.53	$298.10	$306.53
	Rank	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(1)	(2)	(2)	(2)	(1)	(2)	(2)
Man	Actual $	$170.29	$180.53	$187.24	$192.07	$195.02	$192.75	$185.60	$188.36	$193.48	$190.68	$197.54	$206.75	$218.43	$230.28	$237.77	$245.15	$250.39
	Rank	(6)	(6)	(7)	(7)	(7)	(7)	(6)	(5)	(4)	(4)	(4)	(3)	(3)	(3)	(3)	(3)	(3)
Sask	Actual $	$149.53	$159.51	$166.88	$180.04	$176.91	$172.14	$165.26	$164.74	$167.98	$164.68	$173.15	$186.87	$195.72	$211.71	$217.12	$224.96	$236.94
	Rank	(9)	(8)	(9)	(8)	(9)	(8)	(9)	(9)	(8)	(9)	(7)	(6)	(6)	(5)	(6)	(5)	(4)
Alta	Actual $	$185.14	$192.80	$195.79	$198.91	$204.45	$200.13	$180.76	$170.11	$166.42	$169.30	$168.45	$181.23	$185.54	$201.52	$204.05	$217.49	$228.58
	Rank	(4)	(4)	(5)	(5)	(5)	(6)	(7)	(8)	(9)	(7)	(9)	(7)	(7)	(7)	(9)	(7)	(6)
BC	Actual $	$125.25	$142.18	$160.09	$172.67	$175.08	$172.13	$177.92	$176.08	$170.43	$169.23	$169.10	$172.32	$185.50	$197.94	$206.57	$209.73	$206.94
	Rank	(10)	(10)	(10)	(10)	(10)	(9)	(8)	(7)	(7)	(8)	(8)	(9)	(8)	(8)	(8)	(9)	(9)
9 Provs	Actual $	$179.72	$193.19	$205.23	$213.39	$217.92	$215.53	$212.12	$204.67	$195.71	$189.04	$194.25	$198.84	$207.82	$224.20	$242.26	$252.40	$258.31
Diff from Ont	Actual $	$28.55	$34.95	$36.83	$35.75	$37.65	$48.40	$50.25	$45.38	$59.33	$54.28	$58.40	$61.12	$65.32	$79.61	$88.09	$81.38	$76.09
Ont	Actual $	$151.17	$158.24	$168.40	$177.64	$180.27	$167.13	$161.86	$159.29	$136.38	$134.77	$135.85	$137.73	$142.51	$144.59	$154.17	$171.02	$182.22
	Rank	(8)	(9)	(8)	(9)	(8)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
Canada	Actual $	$169.20	$180.20	$191.49	$200.05	$203.84	$197.43	$193.31	$187.66	$173.43	$168.60	$172.17	$175.64	$183.14	$194.33	$209.40	$222.19	$228.73
Diff from Ont	Actual $	$18.03	$21.96	$23.09	$22.41	$23.58	$30.31	$31.44	$28.37	$37.05	$33.83	$36.32	$37.91	$40.64	$49.74	$55.23	$51.17	$46.51

Notes:
Corresponding Figure 2.4 displays constant 2004-05 dollars, not actual dollars.

Sources:
Operating Grants:
To 1989-90: Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992. Last Tripartite report.
1990-91 onwards: The year-to-year percentage changes in provincial operating grants contained in the Financial Reports of the Canadian Association of University Business Officers (CAUBO) were used to estimate provincial operating grants for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology.

Population:
Statistics Canada
Per capita means per unit of population.

Amount to attain level of other 9 provinces in 2004-05:

	Pop (000)	Ont Grant per capita	9 Prov Grant per capita	Provincial Operating Grant Income (000)
Ontario	12,454	$182.22		$2,269,368
9 Prov	19,578		$258.31	

Provincial Operating Grant Income at 9 Province Funding (000)	Amount needed for Ontario to catch up (000)
$3,217,044	$947,676

FIGURE 2.4

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER CAPITA
PROVINCIAL COMPARISON
1988-89 TO 2004-05

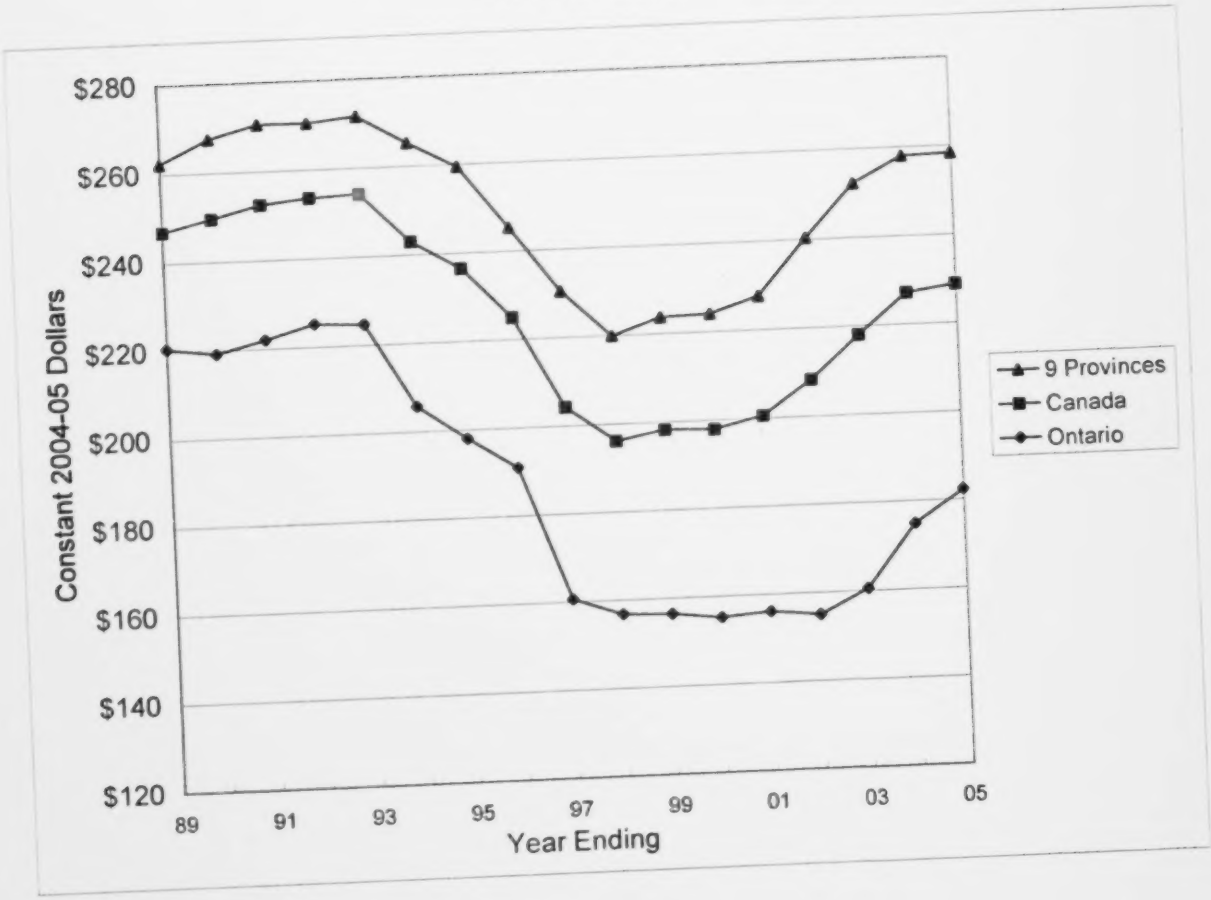


TABLE 2.5

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER $1000 OF TOTAL PROVINCIAL PERSONAL INCOME
PROVINCIAL COMPARISON
1988-89 TO 2004-05

		1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Nfld	Actual $	13.28	13.36	13.25	13.28	14.20	13.24	13.22	12.23	11.92	11.56	10.94	11.27	11.37	11.98	12.22	12.98	13.12
	Rank	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
PEI	Actual $	11.86	12.30	12.63	11.76	11.79	11.02	10.27	9.76	9.87	9.04	8.79	8.41	8.15	8.52	8.81	8.94	8.70
	Rank	(3)	(2)	(2)	(3)	(3)	(4)	(5)	(5)	(4)	(4)	(5)	(7)	(7)	(7)	(6)	(4)	(6)
NS	Actual $	12.21	12.08	11.97	11.41	11.22	11.05	10.46	10.07	9.37	8.98	8.99	8.76	8.53	8.70	8.58	8.74	8.59
	Rank	(2)	(3)	(3)	(4)	(4)	(3)	(4)	(4)	(5)	(5)	(4)	(5)	(5)	(6)	(7)	(7)	(7)
NB	Actual $	11.30	11.38	11.55	11.15	10.80	10.88	10.68	10.40	10.33	10.03	9.48	9.11	8.81	8.84	9.27	8.86	8.81
	Rank	(5)	(5)	(5)	(5)	(5)	(5)	(3)	(3)	(3)	(2)	(3)	(3)	(4)	(5)	(3)	(5)	(4)
Que	Actual $	11.77	11.91	11.86	12.46	12.62	12.37	12.21	11.29	10.33	9.40	9.55	9.18	9.06	9.54	10.66	10.79	10.77
	Rank	(4)	(4)	(4)	(2)	(2)	(2)	(2)	(2)	(2)	(3)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Man	Actual $	10.06	10.06	9.80	9.85	9.82	9.71	9.14	8.97	8.96	8.63	8.57	8.77	8.84	9.07	9.18	9.26	9.18
	Rank	(6)	(6)	(6)	(7)	(7)	(6)	(6)	(6)	(6)	(6)	(6)	(4)	(3)	(3)	(4)	(3)	(3)
Sask	Actual $	9.72	9.56	9.34	10.05	9.91	9.48	8.97	8.39	8.11	8.11	8.17	8.49	8.52	8.95	8.97	8.85	8.78
	Rank	(7)	(7)	(7)	(6)	(6)	(7)	(7)	(7)	(7)	(7)	(7)	(6)	(6)	(4)	(5)	(6)	(5)
Alta	Actual $	9.61	9.55	9.11	8.96	9.13	8.75	7.86	7.21	6.90	6.57	6.24	6.60	6.26	6.28	6.31	6.53	6.69
	Rank	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)
BC	Actual $	6.70	7.00	7.34	7.73	7.72	7.49	7.63	7.38	7.13	6.97	6.86	6.81	6.96	7.31	7.50	7.47	7.18
	Rank	(10)	(10)	(9)	(9)	(9)	(9)	(9)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)	(8)
9 Provs	Actual $	10.25	10.33	10.26	10.53	10.59	10.31	10.02	9.39	8.84	8.30	8.24	$8.16	$8.06	$8.37	$8.86	$8.96	$8.89
Diff from Ont	Actual $	3.06	3.28	3.02	3.05	3.09	3.33	3.30	2.96	3.37	3.06	3.17	$3.23	$3.27	$3.61	$3.83	$3.47	$3.17
Ont	Actual $	7.20	7.05	7.25	7.48	7.51	6.98	6.72	6.43	5.47	5.23	5.07	$4.93	$4.79	$4.76	$5.03	$5.48	$5.72
	Rank	(9)	(9)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
Canada	Actual $	8.99	8.97	9.04	9.27	9.33	8.95	8.68	8.19	7.48	7.05	6.94	$6.83	$6.70	$6.86	$7.28	$7.52	$7.59
Diff from Ont	Actual $	1.80	1.92	1.79	1.80	1.82	1.98	1.96	1.76	2.01	1.83	1.87	$1.90	$1.91	$2.11	$2.24	$2.04	$1.87

Sources

Operating Grants

To 1989-90: Interprovincial Comparisons of University Financing, Tripartite (MET, COU, OCUA) Committee on Interprovincial Comparisons, April 1992. Last Tripartite report.

1990-91 onwards: The year-to-year percentage changes in provincial operating grants contained in the Financial Reports of the Canadian Association of University Business Officers (CAUBO) were used to estimate provincial operating grants for the purposes of this interprovincial comparison. See Appendix B for a more complete description and example of the methodology.

Personal Income

Statistics Canada.

Amount to attain level of other 9 provinces in 2004-05:

	PPI	Ont Grant per capita	9 Prov Grant per capita	Provincial Operating Grant Income (000)	Provincial Operating Grant Income at 9-Province Funding (000)	Amount needed for Ontario to catch up (000)
Ontario	396.757	$5.72		$2,269,368	$3,527,138	$1,257,769
9 Prov	568.865		$8.89			

FIGURE 2.5

PROVINCIAL UNIVERSITY OPERATING GRANTS
PER $1000 OF TOTAL PROVINCIAL PERSONAL INCOME
PROVINCIAL COMPARISON
1988-89 TO 2004-05

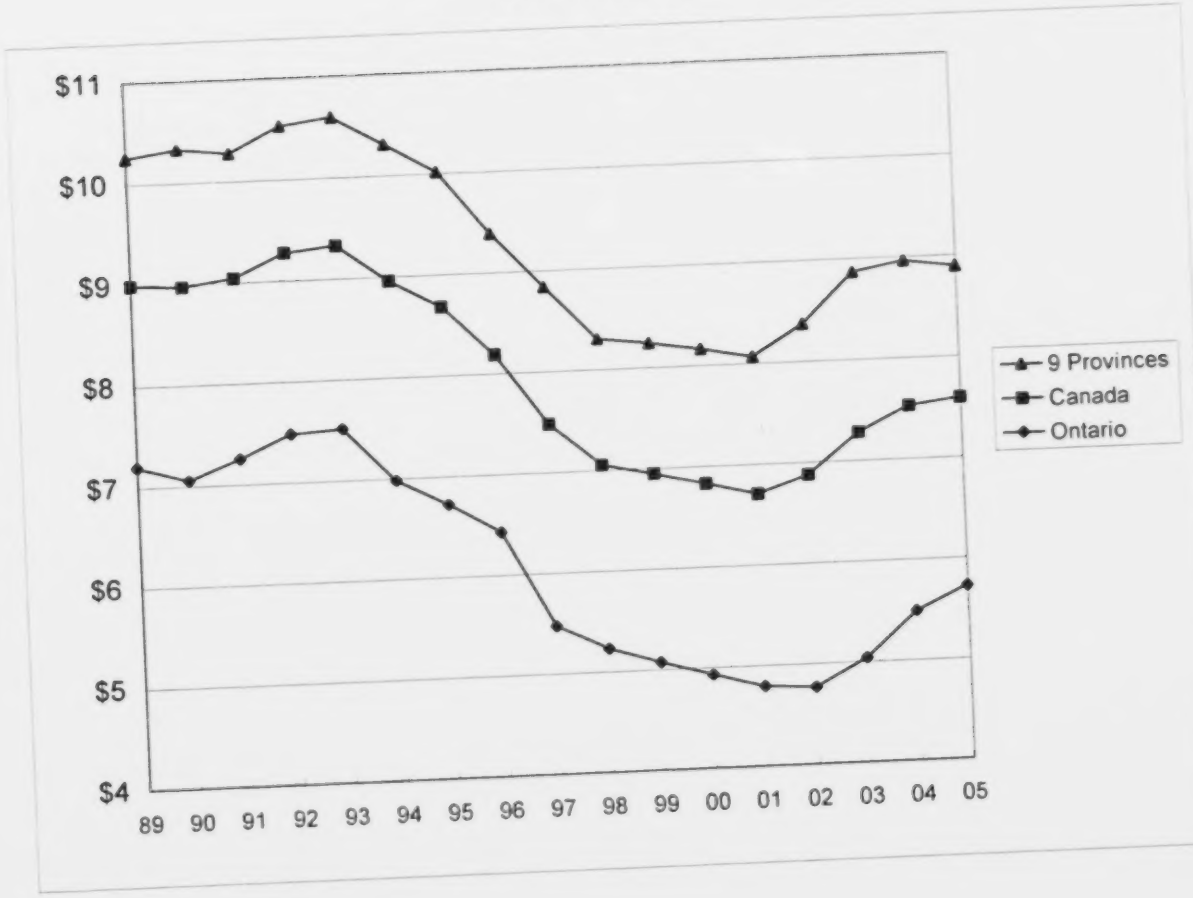


TABLE 2.6

PERCENT CHANGE IN PROVINCIAL AND STATE FUNDING
FOR OPERATING EXPENSES OF POST-SECONDARY EDUCATION
CANADIAN PROVINCES AND AMERICAN STATES
1999-00 TO 2004-05

Country	Province\State	5-Year Change 99-00 to 04-05 %	Rank	4-Year Change 00-01 to 04-05 %	Rank	3-Year Change 01-02 to 04-05 %	Rank	2-Year Change 02-03 to 04-05 %	Rank	1-Year Change 03-04 to 04-05 %	Rank
Canada	Ontario	43.2%	(4)	36.3%	(5)	31.9%	(3)	21.6%	(2)	8.3%	(6)
	Other 9 Provinces										
	Newfoundland	40.5%	(7)	33.3%	(7)	21.6%	(7)	16.0%	(4)	4.9%	(20)
	P.E.I.	25.8%	(12)	21.6%	(10)	14.0%	(11)	5.1%	(25)	1.5%	(42)
	Nova Scotia	15.6%	(27)	13.7%	(22)	7.8%	(27)	6.3%	(20)	1.5%	(43)
	New Brunswick	12.5%	(37)	10.9%	(28)	8.0%	(24)	0.7%	(45)	2.2%	(40)
	Québec	44.9%	(3)	37.0%	(4)	24.9%	(4)	9.1%	(13)	3.8%	(25)
	Manitoba	24.4%	(16)	17.2%	(15)	10.8%	(17)	6.9%	(18)	3.2%	(29)
	Saskatchewan	26.5%	(9)	21.6%	(9)	12.1%	(15)	5.4%	(23)	5.4%	(15)
	Alberta	43.0%	(5)	34.5%	(6)	21.8%	(6)	18.0%	(3)	9.2%	(4)
	British Columbia	26.2%	(11)	16.4%	(17)	8.0%	(25)	4.1%	(32)	1.6%	(41)
	9 Provinces	43.1%		35.3%		24.6%		15.0%		7.1%	
	10 Provinces	39.0%		31.7%		23.3%		13.8%		6.9%	
U.S.A.	11 Selected States										
	California	14.6%	(29)	-1.1%	(45)	-6.8%	(48)	-5.2%	(55)	4.4%	(21)
	Florida	19.0%	(23)	13.7%	(21)	15.2%	(9)	10.9%	(8)	11.8%	(1)
	Illinois	4.3%	(46)	-1.2%	(46)	-7.5%	(49)	-2.8%	(50)	-0.6%	(52)
	Indiana	15.6%	(28)	10.5%	(29)	7.3%	(28)	6.8%	(19)	4.2%	(23)
	Michigan	-6.3%	(52)	-12.1%	(55)	-13.5%	(57)	-9.3%	(58)	-1.5%	(57)
	Minnesota	-1.0%	(51)	-5.6%	(50)	-7.7%	(51)	-3.8%	(54)	-1.1%	(56)
	New York	26.2%	(10)	16.4%	(18)	12.5%	(14)	4.2%	(31)	7.9%	(8)
	Ohio	1.9%	(49)	-3.7%	(48)	0.8%	(38)	1.8%	(40)	1.5%	(44)
	Pennsylvania	7.4%	(43)	0.5%	(43)	0.2%	(41)	0.9%	(44)	3.5%	(27)
	Texas	7.0%	(44)	6.4%	(37)	-6.5%	(47)	-0.6%	(46)	-2.8%	(58)
	Wisconsin	2.7%	(48)	-5.7%	(51)	-7.6%	(50)	-8.9%	(57)	-1.0%	(55)
	11 States	10.4%		2.3%		-2.1%		-1.0%		2.9%	
	Other 39 States										
	Alabama	9.9%	(40)	11.1%	(27)	8.4%	(22)	4.1%	(33)	3.6%	(26)
	Alaska	33.3%	(8)	22.3%	(8)	14.8%	(10)	10.5%	(10)	8.2%	(7)
	Arizona	6.4%	(45)	3.2%	(41)	4.2%	(33)	7.3%	(17)	6.7%	(13)
	Arkansas	13.2%	(35)	7.6%	(34)	9.6%	(19)	11.1%	(7)	2.7%	(37)
	Colorado	-17.8%	(60)	-20.8%	(60)	-21.8%	(60)	-13.7%	(60)	0.0%	(50)
	Connecticut	13.4%	(34)	11.7%	(25)	4.6%	(32)	4.5%	(30)	5.4%	(16)
	Delaware	15.9%	(26)	9.5%	(31)	9.2%	(20)	8.1%	(15)	6.9%	(12)
	Georgia	24.1%	(17)	20.5%	(12)	12.9%	(13)	1.5%	(43)	2.7%	(34)
	Hawaii	19.8%	(22)	20.9%	(11)	17.3%	(8)	10.8%	(9)	2.7%	(35)
	Idaho	16.1%	(25)	10.0%	(30)	0.3%	(40)	4.9%	(26)	3.5%	(28)
	Iowa	-9.8%	(55)	-12.7%	(57)	-5.5%	(46)	-3.5%	(53)	0.7%	(49)

Country	Province\State	5-Year Change 99-00 to 04-05 %	Rank	4-Year Change 00-01 to 04-05 %	Rank	3-Year Change 01-02 to 04-05 %	Rank	2-Year Change 02-03 to 04-05 %	Rank	1-Year Change 03-04 to 04-05 %	Rank
	Kansas	10.1%	(39)	4.8%	(40)	0.4%	(39)	5.3%	(24)	4.4%	(22)
	Kentucky	21.0%	(20)	11.8%	(24)	5.3%	(30)	4.5%	(27)	1.3%	(46)
	Louisiana	40.9%	(6)	41.3%	(2)	24.7%	(5)	7.4%	(16)	2.9%	(33)
	Maine	14.1%	(31)	6.1%	(38)	1.7%	(37)	2.8%	(37)	4.0%	(24)
	Maryland	12.7%	(36)	0.1%	(44)	-8.3%	(52)	-3.4%	(52)	3.1%	(32)
	Massachusetts	-11.9%	(59)	-14.9%	(58)	-9.9%	(54)	-5.6%	(56)	10.6%	(2)
	Mississippi	-9.6%	(54)	-4.3%	(49)	3.2%	(34)	3.2%	(36)	-0.8%	(54)
	Missouri	-11.9%	(58)	-10.2%	(53)	-11.6%	(55)	-1.6%	(48)	2.7%	(36)
	Montana	10.2%	(38)	7.7%	(33)	1.8%	(36)	4.5%	(28)	1.3%	(47)
	Nebraska	7.9%	(42)	2.6%	(42)	-3.0%	(44)	-2.9%	(51)	1.4%	(45)
	Nevada	69.5%	(1)	63.8%	(1)	49.5%	(1)	39.9%	(1)	7.3%	(11)
	New Hampshire	20.4%	(21)	14.6%	(20)	7.2%	(29)	3.9%	(34)	2.6%	(38)
	New Jersey	22.6%	(19)	13.6%	(23)	7.9%	(26)	10.0%	(11)	8.6%	(5)
	New Mexico	24.6%	(15)	19.3%	(14)	10.9%	(16)	11.3%	(6)	5.1%	(18)
	North Carolina	17.4%	(24)	11.1%	(26)	9.1%	(21)	8.8%	(14)	7.7%	(9)
	North Dakota	9.1%	(41)	8.6%	(32)	0.0%	(42)	-1.1%	(47)	0.0%	(50)
	Oklahoma	3.0%	(47)	-3.3%	(47)	-4.2%	(45)	1.6%	(41)	3.1%	(31)
	Oregon	-10.6%	(56)	-11.9%	(54)	-13.7%	(58)	6.0%	(21)	-0.7%	(53)
	Rhode Island	14.0%	(33)	6.6%	(36)	-0.6%	(43)	2.4%	(39)	1.3%	(48)
	South Carolina	-10.9%	(57)	-17.7%	(59)	-15.4%	(59)	-2.0%	(49)	-2.8%	(59)
	South Dakota	25.0%	(13)	19.7%	(13)	13.8%	(12)	9.4%	(12)	6.3%	(14)
	Tennessee	14.0%	(32)	7.4%	(35)	4.8%	(31)	1.5%	(42)	3.2%	(30)
	Utah	23.6%	(18)	16.0%	(19)	8.4%	(23)	5.5%	(22)	5.3%	(17)
	Vermont	24.7%	(14)	16.6%	(16)	10.7%	(18)	4.5%	(29)	2.4%	(39)
	Virginia	-0.1%	(50)	-9.2%	(52)	-9.3%	(53)	3.7%	(35)	10.0%	(3)
	Washington	14.2%	(30)	5.9%	(39)	3.1%	(35)	2.7%	(38)	5.1%	(19)
	West Virginia	-6.4%	(53)	-12.4%	(56)	-13.4%	(56)	-10.6%	(59)	-3.9%	(60)
	Wyoming	53.0%	(2)	41.1%	(3)	32.0%	(2)	11.3%	(5)	7.6%	(10)
	39 States	10.3%		5.3%		2.5%		3.8%		4.2%	
	50 States	10.4%		3.7%		0.0%		1.2%		3.5%	

Notes: Canada — Data is based on funding for universities only.
British Columbia data excludes 3 university colleges that were added to the CAUBO dataset in 1997-98, creating a significant discontinuity in the time series.

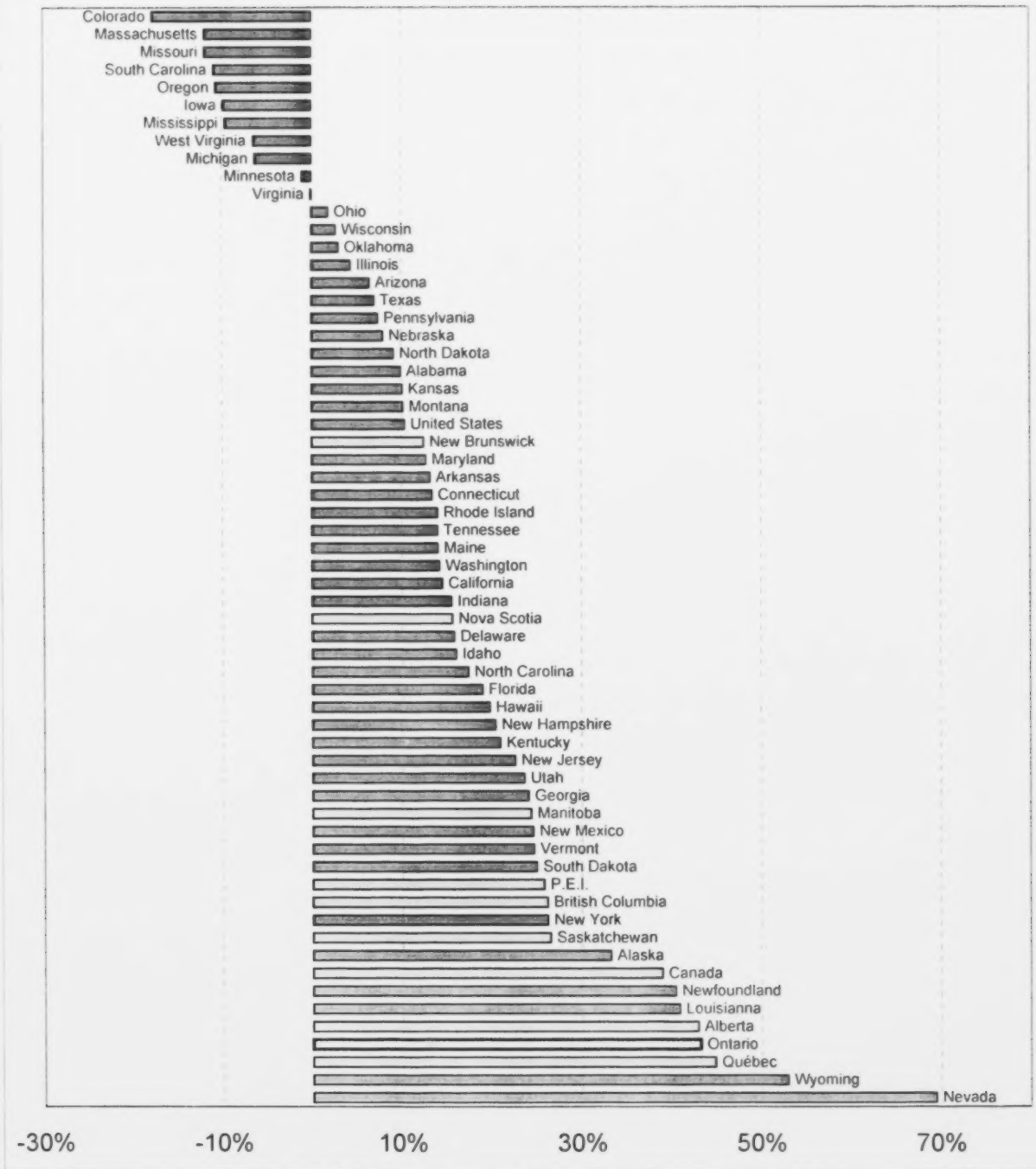
U.S.A. — Data includes funding for universities, community colleges, vocational institutes and student support. "11 Selected States" are the 8 Great Lakes states plus the 3 other largest population states. These states collectively have more than half the population of the United States.

Sources: Canada — Statistics Canada, Canadian Association of University Business Officers (CAUBO):

U.S.A. — State Higher Education Executive Officers, State Higher Education Appropriations, and Financing Higher Education. Grapevine, A National Database of Tax Support for Higher Education, Center for Higher Education & Educational Finance.
http://www.coe.ilstu.edu/grapevine/50state.htm

FIGURE 2.6

PERCENT CHANGE IN PROVINCIAL AND STATE FUNDING
FOR OPERATING EXPENSES OF POST-SECONDARY EDUCATION
CANADIAN PROVINCES AND AMERICAN STATES
1999-00 TO 2004-05



Section 3

Comparisons with Other Sectors

TABLE 3.1

OPERATING EXPENDITURES PER CLIENT
UNIVERSITIES AND OTHER PUBLIC SECTORS
ONTARIO
1988-89 TO 2004-05

	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Elementary & Secondary Schools																	
Actual $	5,570	6,156	6,618	7,136	7,087	7,363	7,019	7,077	7,249	7,082	6,921	6,947	7,078	7,095	7,426	7,783	8,297
Constant $	8,281	8,790	8,971	9,205	8,791	8,979	8,450	8,470	8,502	8,158	7,877	7,827	7,802	7,603	7,787	7,925	8,297
Index	100.0	106.2	108.3	111.2	106.2	108.4	102.0	102.3	102.7	98.5	95.1	94.5	94.2	91.8	94.0	95.7	100.2
Community Colleges																	
Actual $	6,572	6,855	6,988	6,735	6,803	6,434	6,428	6,418	6,049	6,142	6,415	6,750	7,176	7,931	8,098	8,434	8,879
Constant $	9,771	9,789	9,472	8,687	8,439	7,845	7,738	7,682	7,094	7,075	7,300	7,605	7,911	8,499	8,493	8,588	8,879
Index	100.0	100.2	96.9	88.9	86.4	80.3	79.2	78.6	72.6	72.4	74.7	77.8	81.0	87.0	86.9	87.9	90.9
Health Care																	
Constant	1,419	1,535	1,632	1,792	1,849	1,811	1,793	1,766	1,761	1,768	1,885	1,952	2,118	2,211	2,338	2,577	2,739
Index	100.0	108.2	115.0	126.3	130.3	127.6	126.4	124.4	124.1	124.6	132.8	137.6	149.2	155.8	164.7	181.6	193.0
Universities																	
Actual $	8,613	9,042	9,545	9,937	10,242	10,045	10,238	10,605	10,191	10,523	11,166	11,782	12,196	12,402	12,715	12,931	13,238
Constant $	12,804	12,911	12,937	12,818	12,704	12,249	12,326	12,693	11,953	12,122	12,708	13,274	13,444	13,289	13,334	13,167	13,238
Index	100.0	100.8	101.0	100.1	99.2	95.7	96.3	99.1	93.3	94.7	99.2	103.7	105.0	103.8	104.1	102.8	103.4

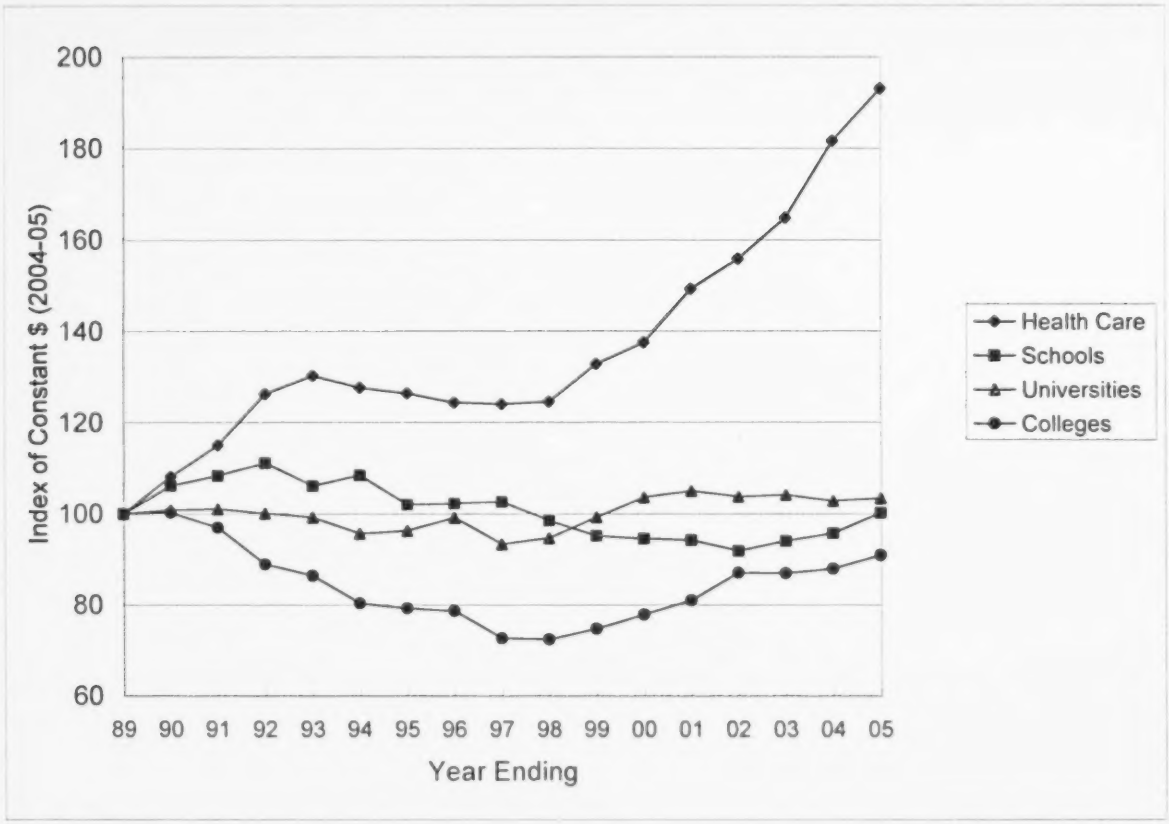
Notes:
- Elem/Sec Schools: Total school costs per pupil. Excludes debt financing charges from 1997-98 on.
- Community Colleges: Grant + Fee Operating revenue per provincially funded FTE student
- Healthcare: Total public sector health expenditures (less capital) per capita.
  Per capita was used because Statistics Canada estimates that 97.4% of Ontarians accessed healthcare at least once in 2001
- Universities: Grant + Fee Operating revenue per provincially funded FTE student. Some of the increase from 1998-99 on is due to an accounting change from net to gross reporting.

Indices are based on constant 2004-05 dollars

Sources:
- Elem/Sec Schools: Ministry of Education
- Healthcare: Canadian Institute for Health Information (CIHI)
- Community Colleges: Ministry of Training, Colleges and Universities
- Universities: COFO-UO, Financial Report of Ontario Universities
- Population: 1988 to 2003 from Annual Demographic Statistics 2004; 2004 from CANSIM II Table 510005, 4th quarter

FIGURE 3.1

OPERATING EXPENDITURES PER CLIENT
UNIVERSITIES AND FOUR OTHER PUBLIC SECTORS
ONTARIO
1988-89 TO 2004-05



Note: Schools from 1997-98 on excludes debt charges

TABLE 3.2

OPERATING EXPENDITURES PER CLIENT
HEALTH, SCHOOLS AND UNIVERSITIES
PROVINCIAL COMPARISON

	Health Per Capita (2003)			Schools Per Student (2001)			Universities Per Student (2003-04)		
	$	Index	Rank	$	Index	Rank	$	Index	Rank
Newfoundland	$3,072	109.4	(2)	$6,822	90.7	(9)	$13,542	100.5	(5)
P.E.I.	$2,777	98.9	(6)	$6,610	87.8	(10)	$15,352	113.9	(1)
Nova Scotia	$2,661	94.8	(8)	$7,097	94.3	(7)	$13,089	97.2	(7)
New Brunswick	$2,601	92.7	(9)	$6,849	91.0	(8)	$11,504	85.4	(10)
Quebec	$2,451	87.3	(10)	$7,658	101.8	(4)	$13,492	100.1	(6)
Ontario	$2,723	97.0	(7)	$7,454	99.1	(5)	$11,825	87.8	(9)
Manitoba	$3,145	112.0	(1)	$9,442	125.5	(1)	$12,613	93.6	(8)
Saskatchewan	$2,913	103.8	(3)	$7,890	104.8	(3)	$14,131	104.9	(4)
Alberta	$2,887	102.8	(4)	$7,324	97.3	(6)	$14,177	105.2	(3)
British Columbia	$2,842	101.2	(5)	$8,105	107.7	(2)	$15,003	111.4	(2)
10 Provinces	$2,807	100.0		$7,525	100.0		$13,473	100.0	

Notes:

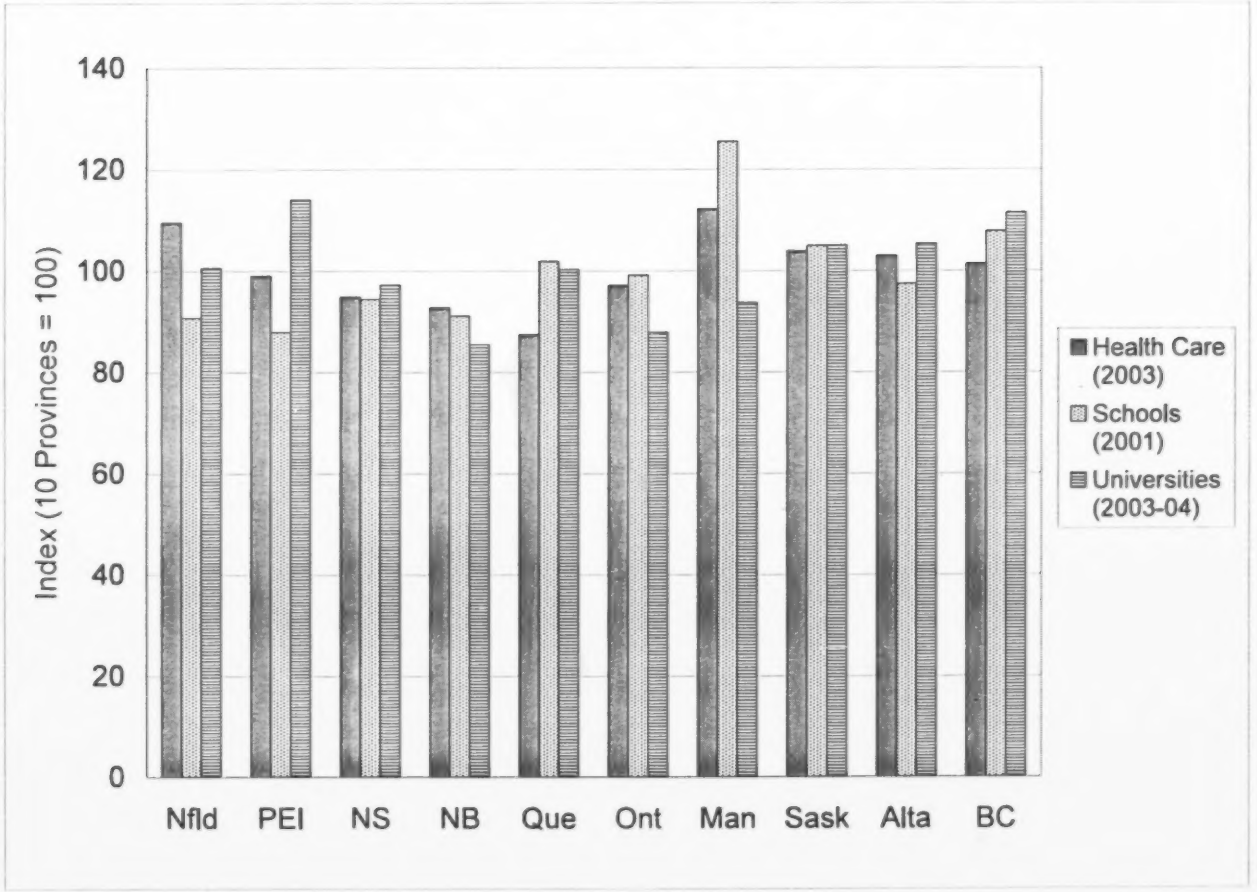
- "10 Provinces" row is not weighted by number of clients in each province.
- Index columns are relative to 10 Provinces = 100.0.
- Health expenditures includes provincially funded expenditures only, excluding capital.
- Schools are total expenditures per full-time equivalent student.
- Total University Operating Expenditures per Student: This is an estimate calculated according to the methodology outlined in Appendix C. It is similar to the methodology used for the interprovincial comparisons in Tables 2.3 to 2.5 of the Resource Document.
- Universities exclude Redeemer in Ontario and university colleges in British Columbia

Sources:

Health	Canadian Institute for Health Information (CIHI): National Health Expenditure Trends, Table 7.
Schools	Statistics Canada: Report of the Pan-Canadian Indicators Program 2005 http://www.statcan.ca/english/freepub/81-582-XIE/2006001/figures.htm
Universities	Interprovincial Comparisons of University Funding: Tripartite (Ministry of Education and Training, Ontario Council on University Affairs, COU) Committee on Interprovincial Comparisons, April 1992. Total Operating Expenses: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges. Enrolment: Statistics Canada.

FIGURE 3.2

OPERATING EXPENDITURES PER CLIENT
HEALTH, SCHOOLS AND UNIVERSITIES
PROVINCIAL COMPARISON



Section 4

Research

TABLE 4.1

SPONSORED RESEARCH EXPENSES
COMPARED TO UNIVERSITY OPERATING EXPENSES
ONTARIO UNIVERSITIES
1987-1988 TO 2004-05

	Sponsored Research Expenses ($000s)			University Operating Expenses ($000s)		
	Actual Dollars	Constant 2004-05 $	Index of Constant $	Actual Dollars	Constant 2004-05 $	Index of Constant $
1987-88	$394,844	$591,788	100.0	$1,824,714	$2,734,862	100.0
1988-89	$458,978	$660,715	111.6	$1,952,997	$2,811,407	102.8
1989-90	$488,805	$667,926	112.9	$2,128,359	$2,908,287	106.3
1990-91	$550,363	$715,703	120.9	$2,348,260	$3,053,725	111.7
1991-92	$580,336	$725,713	122.6	$2,557,505	$3,198,173	116.9
1992-93	$610,424	$750,452	126.8	$2,650,614	$3,258,650	119.2
1993-94	$717,188	$870,469	147.1	$2,603,626	$3,160,087	115.5
1994-95	$722,901	$872,272	147.4	$2,632,182	$3,176,064	116.1
1995-96	$716,124	$846,764	143.1	$2,642,506	$3,124,568	114.2
1996-97	$750,045	$871,065	147.2	$2,575,425	$2,990,972	109.4
1997-98	$802,599	$920,869	155.6	$2,627,474	$3,014,655	110.2
1998-99	$836,779	$950,397	160.6	$2,844,460	$3,230,680	118.1
1999-00	$951,527	$1,057,442	178.7	$3,111,188	$3,457,496	126.4
2000-01	$1,223,282	$1,321,486	223.3	$3,264,114	$3,526,155	128.9
2001-02	$1,455,164	$1,538,423	260.0	$3,401,446	$3,596,063	131.5
2002-03	$1,596,892	$1,639,264	277.0	$3,811,322	$3,912,452	143.1
2003-04	$1,772,171	$1,786,602	301.9	$4,166,973	$4,200,906	153.6
2004-05	$2,091,946	$2,091,946	353.5	$4,567,761	$4,567,761	167.0

Note: Affiliated and federated colleges excluded.

Source: Table 4, Volume 1, COFO-UO, Financial Report of Ontario Universities.

FIGURE 4.1

SPONSORED RESEARCH EXPENSES
COMPARED TO UNIVERSITY OPERATING EXPENSES
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

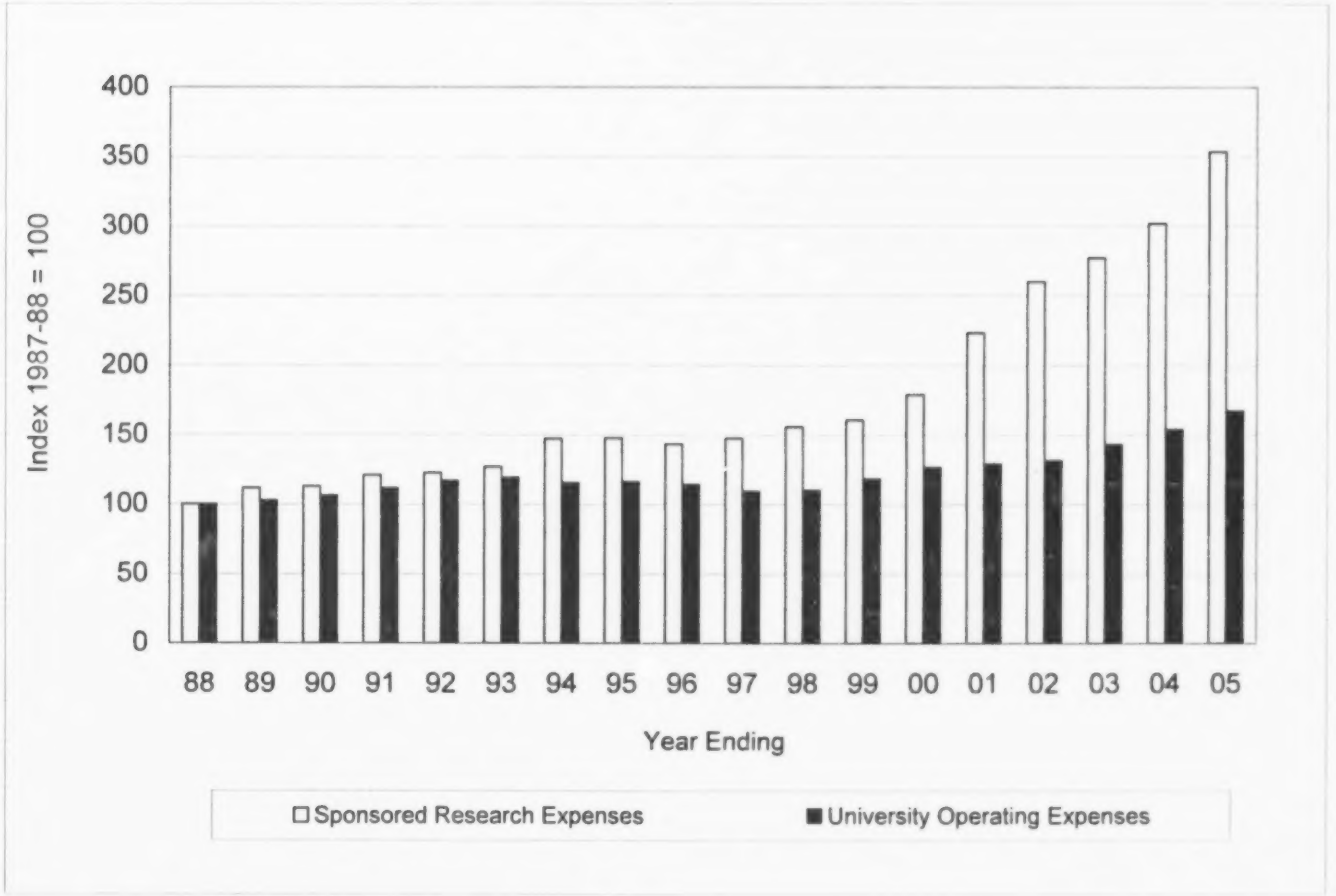


TABLE 4.2

FUNDING FROM THE GRANTING COUNCILS
SSHRC + NSERC + MRC/CIHR
USED IN THE ALLOCATION OF THE ROIE[1]
COMPARED WITH THE VALUE OF THE ROIE
1988-89 TO 2005-06
$000s

	Funding from the Granting Councils Used in the Allocation of the ROIE		Ontario Government Research Overhead/ Infrastructure Envelope (ROIE)	ROIE as a Share of Granting Council Funding (3-Year Avg, Slipped 2 Years)[2]
	Single-Year Actual Data	Three-Year Average, Slipped Two Years		
1987-88	$147,094	$124,191	$25,000	20.1%
1988-89	$157,694	$132,706	$26,125	19.7%
1989-90	$173,675	$139,691	$27,170	19.5%
1990-91	$175,003	$147,633	$28,447	19.3%
1991-92	$176,281	$159,488	$30,296	19.0%
1992-93	$182,303	$168,791	$30,569	18.1%
1993-94	$187,351	$174,986	$28,337	16.2%
1994-95	$187,354	$177,863	$27,839	15.7%
1995-96	$182,687	$181,979	$27,477	15.1%
1996-97	$178,853	$185,670	$22,990	12.4%
1997-98	$178,103	$185,798	$27,477	14.8%
1998-99	$195,565	$182,965	$27,477	15.0%
1999-00	$216,157	$179,881	$27,752	15.4%
2000-01	$253,307	$184,174	$27,752	15.1%
2001-02	$279,800	$196,608	$27,752	14.1%
2002-03	$316,568	$221,677	$27,752	12.5%
2003-04	$341,949	$249,755	$27,752	11.1%
2004-05		$283,225	$27,752	9.8%
2005-06		$312,772	$27,752	8.9%

Notes: 1) Research Overheads Infrastructure Envelope (ROIE)

2) The NSERC+SSHRC+MRC/CIHR three-year average is slipped two years. For example, the 2001-02 average is based on 1997-98, 1998-99 and 1999-00 data. This methodology is used by MTCU to determine the share of ROIE that each Ontario university receives. The ROIE began in 1987-88.

As a general rule, the granting council funding from which the ROIE is calculated exclude industry partnership programs, equipment and facilities grants or multi-institutional grants. It has also tried to maintain a consistent set of included grants since 1987-88.

Source: Ministry of Training, Colleges and Universities.

FIGURE 4.2

FUNDING FROM THE GRANTING COUNCILS
SSHRC + NSERC + MRC/CIHR
USED IN THE ALLOCATION OF THE ROIE
COMPARED WITH THE VALUE OF THE ROIE
1988-89 TO 2005-06

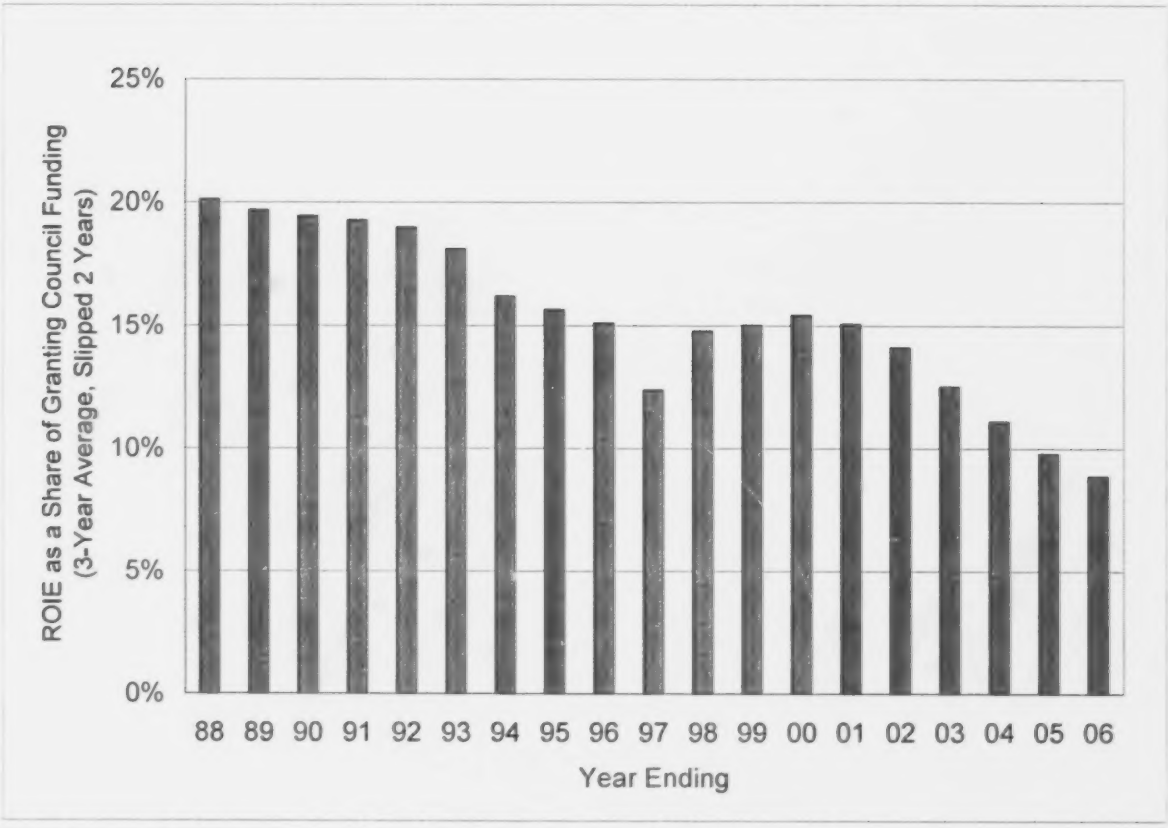

ROIE as a Share of Granting Council Funding
(3-Year Average, Slipped 2 Years)
25%
20%
15%
10%
5%
0%
88 89 90 91 92 93 94 95 96 97 98 99 00 01 02 03 04 05 06
Year Ending

TABLE 4.3

SPONSORED RESEARCH FUNDING TO UNIVERSITIES
SSHRC + NSERC + CIHR (MRC)
PROVINCIAL COMPARISON
1987-88 TO 2004-05

	Nfld	PEI	NS	NB	Que	Man	Sask	Alta	BC	9 Provs	Ontario	Canada
Funding ($000s)												
1987-88	$7,968	$287	$16,023	$6,417	$112,529	$17,883	$14,597	$42,682	$54,063	$272,449	$173,481	$445,930
1988-89	$9,212	$376	$17,645	$6,872	$126,894	$20,403	$17,001	$44,882	$55,896	$299,181	$191,862	$491,043
1989-90	$8,945	$443	$17,613	$6,181	$140,304	$21,486	$15,778	$51,725	$59,857	$322,332	$204,454	$526,786
1990-91	$11,766	$456	$25,512	$6,778	$172,828	$22,154	$19,264	$59,813	$86,184	$404,755	$215,403	$620,158
1991-92	$11,247	$632	$25,736	$7,429	$183,197	$22,439	$19,901	$61,429	$90,767	$422,777	$223,720	$646,497
1992-93	$10,275	$673	$22,808	$7,141	$179,128	$22,680	$18,815	$63,514	$92,406	$417,440	$233,076	$650,516
1993-94	$9,837	$641	$21,146	$6,327	$190,387	$21,625	$18,862	$62,518	$88,628	$419,971	$252,129	$672,100
1994-95	$8,328	$556	$23,099	$7,130	$196,035	$22,837	$19,723	$68,841	$96,555	$443,104	$250,370	$693,474
1995-96	$8,141	$445	$18,313	$7,105	$189,409	$20,053	$16,943	$63,477	$84,154	$408,040	$248,314	$656,354
1996-97	$8,342	$598	$18,609	$6,907	$183,868	$18,019	$18,582	$64,403	$76,139	$395,467	$239,839	$635,306
1997-98	$7,457	$611	$18,929	$6,397	$165,991	$19,977	$13,015	$72,716	$76,224	$381,317	$225,786	$607,103
1998-99	$9,118	$951	$19,314	$7,285	$214,024	$20,281	$15,899	$74,858	$84,489	$446,219	$259,158	$705,375
1999-00	$13,469	$776	$25,490	$7,681	$261,215	$21,974	$17,887	$93,161	$93,918	$535,571	$301,802	$837,373
2000-01	$15,434	$1,440	$25,456	$7,658	$277,616	$28,663	$20,113	$105,225	$94,709	$576,314	$328,950	$905,264
2001-02	$15,735	$1,627	$36,576	$8,181	$310,154	$30,799	$20,606	$117,009	$121,072	$661,759	$346,054	$1,007,813
2002-03	$16,504	$2,133	$35,775	$10,241	$334,939	$35,301	$25,974	$129,762	$129,765	$720,394	$412,143	$1,132,537
2003-04	$14,154	$2,623	$33,952	$10,462	$383,265	$37,975	$34,079	$142,937	$144,537	$803,984	$477,170	$1,281,154
2004-05	$14,681	$2,440	$44,563	$14,613	$415,349	$40,426	$42,973	$156,012	$165,134	$896,191	$519,604	$1,415,795
Provincial Share of National Total												
1987-88	1.8%	0.1%	3.6%	1.4%	25.2%	4.0%	3.3%	9.6%	12.1%	61.1%	38.9%	100.0%
1988-89	1.9%	0.1%	3.6%	1.4%	25.8%	4.2%	3.5%	9.1%	11.4%	60.9%	39.1%	100.0%
1989-90	1.7%	0.1%	3.3%	1.2%	26.6%	4.1%	3.0%	9.8%	11.4%	61.2%	38.8%	100.0%
1990-91	1.9%	0.1%	4.1%	1.1%	27.9%	3.6%	3.1%	9.6%	13.9%	65.3%	34.7%	100.0%
1991-92	1.7%	0.1%	4.0%	1.1%	28.3%	3.5%	3.1%	9.5%	14.0%	65.4%	34.6%	100.0%
1992-93	1.6%	0.1%	3.5%	1.1%	27.5%	3.5%	2.9%	9.8%	14.2%	64.2%	35.8%	100.0%
1993-94	1.5%	0.1%	3.1%	0.9%	28.3%	3.2%	2.8%	9.3%	13.2%	62.5%	37.5%	100.0%
1994-95	1.2%	0.1%	3.3%	1.0%	28.3%	3.3%	2.8%	9.9%	13.9%	63.9%	36.1%	100.0%
1995-96	1.2%	0.1%	2.8%	1.1%	28.9%	3.1%	2.6%	9.7%	12.8%	62.2%	37.8%	100.0%
1996-97	1.3%	0.1%	2.9%	1.1%	28.9%	2.8%	2.9%	10.1%	12.0%	62.2%	37.8%	100.0%
1997-98	1.2%	0.1%	3.1%	1.1%	27.3%	3.3%	2.1%	12.0%	12.6%	62.8%	37.2%	100.0%
1998-99	1.3%	0.1%	2.7%	1.0%	30.3%	2.9%	2.3%	10.6%	12.0%	63.3%	36.7%	100.0%
1999-00	1.6%	0.1%	3.0%	0.9%	31.2%	2.6%	2.1%	11.1%	11.2%	64.0%	36.0%	100.0%
2000-01	1.7%	0.2%	2.8%	0.8%	30.7%	3.2%	2.2%	11.6%	10.5%	63.7%	36.3%	100.0%
2001-02	1.6%	0.2%	3.6%	0.8%	30.8%	3.1%	2.0%	11.6%	12.0%	65.7%	34.3%	100.0%
2002-03	1.5%	0.2%	3.2%	0.9%	29.6%	3.1%	2.3%	11.5%	11.5%	63.6%	36.4%	100.0%
2003-04	1.1%	0.2%	2.7%	0.8%	29.9%	3.0%	2.7%	11.2%	11.3%	62.8%	37.2%	100.0%
2004-05	1.0%	0.2%	3.1%	1.0%	29.3%	2.9%	3.0%	11.0%	11.7%	63.3%	36.7%	100.0%

Note: All sponsored research revenue from the Granting Councils reflects only the program from the three granting councils that are included in the calculation of the ROIE. Includes all BC institutions.

Source: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges: Income from Sponsored Research (Table 2.1A)

FIGURE 4.3

SPONSORED RESEARCH FUNDING TO UNIVERSITIES
SSHRC + NSERC + CIHR (MRC)
1987-88 TO 2004-05

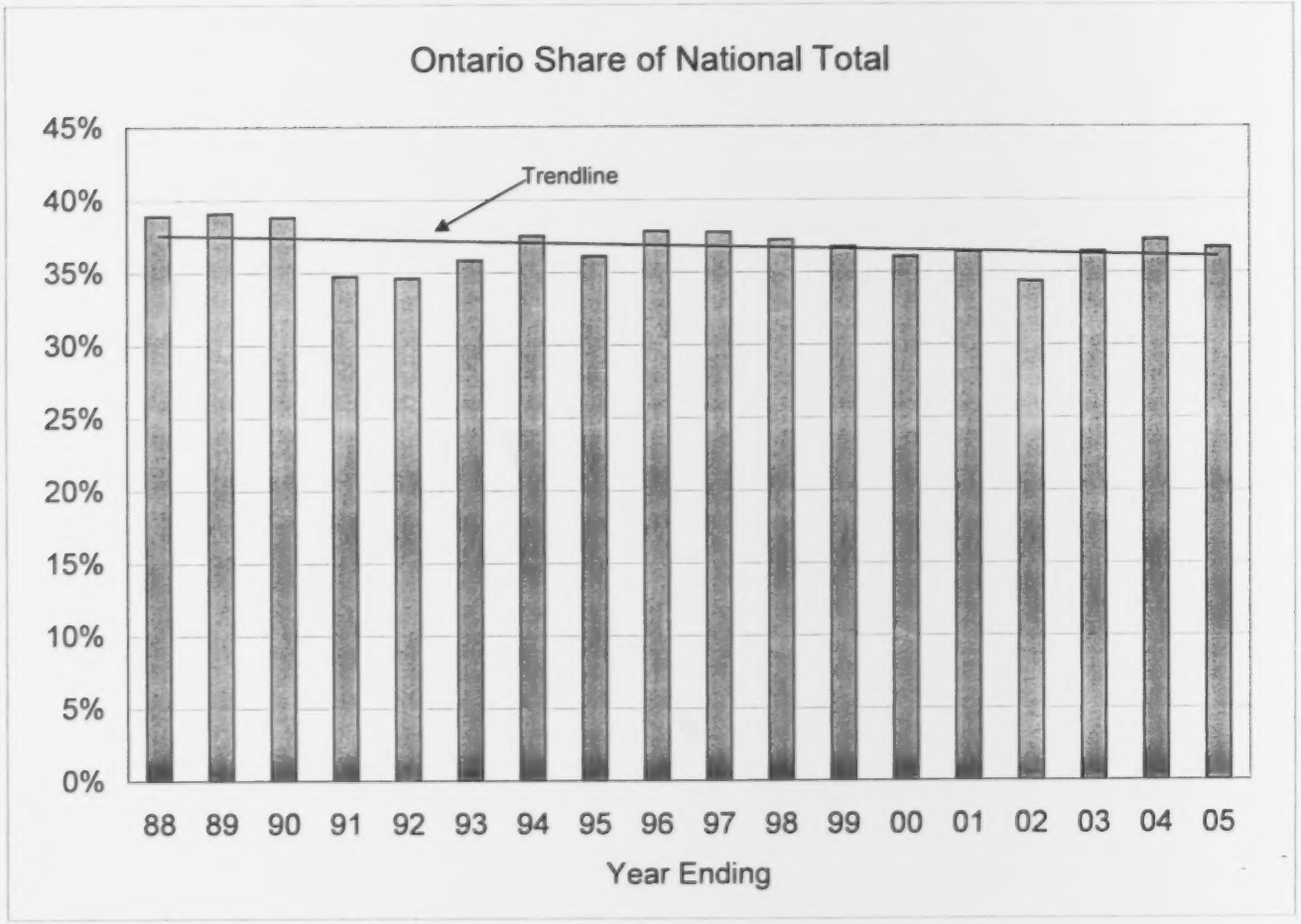


TABLE 4.4

GROSS EXPENDITURE ON RESEARCH AND DEVELOPMENT (GERD)
ONTARIO AND THE GROUP OF SEVEN INDUSTRIALIZED NATIONS
2003

	GERD per Capita		GERD as a Percentage of GDP		Percentage of GERD Performed by Higher Education Sector		GERD Performed by Higher Education Sector as Percentage of GDP	
	PPP[1] $	Rank	%	Rank	%	Rank	%	Rank
Ontario	$701.74	(3)	2.17%	(5)	29.76%	(3)	0.65%	(2)
Canada	$609.14	(6)	1.97%	(6)	33.89%	(2)	0.67%	(1)
France	$618.70	(5)	2.18%	(4)	19.40%	(5)	0.42%	(5)
Germany	$693.30	(4)	2.52%	(3)	16.90%	(6)	0.43%	(4)
Italy	$303.90	(8)	1.11%	(8)	33.90%	(1)	0.38%	(7)
Japan	$924.30	(2)	3.15%	(1)	13.70%	(7)	0.43%	(3)
UK	$558.00	(7)	1.88%	(7)	21.40%	(4)	0.40%	(6)
USA	$1,004.60	(1)	2.68%	(2)	13.70%	(7)	0.37%	(8)

Notes: 1) PPP $ are Purchasing Power Parity dollars as defined and calculated by OECD.

Sources: **Ontario and Canada:**
Statistics Canada: Estimates of Canadian Research and Development Expenditures (GERD), Canada, 1994 to 2005, and by Province 1993 to 2003. See http://www.statcan.ca/english/research/88F0006XIE/88F0006XIE2004020.pdf
Other Nations: OECD, Main Science and Technology Indicators, Volume 2005:1.

Section 5

Tuition Fees

TABLE 5.1

MAXIMUM CHARGEABLE TUITION FEES
BACHELOR OF ARTS PROGRAMS
ONTARIO UNIVERSITIES
COMPARED WITH ONTARIO AVERAGE PERSONAL AND FAMILY INCOME
1988-89 TO 2005-06

	Formula Fee Rate Increase	Formula Fee Rate for Arts	Maximum Discretionary Component (MDC)	Maximum Tuition Fee (MTF)	Average Personal Income (API)	MTF / API %	Average Family Income (AFI)	MTF / AFI %
1988-89	4.5%	$1,249	13.00%	$1,411	$20,920	6.7%	$51,792	2.7%
1989-90	7.5%	$1,343	13.00%	$1,518	$22,333	6.8%	$55,286	2.7%
1990-91	8.0%	$1,450	13.00%	$1,639	$23,114	7.1%	$55,935	2.9%
1991-92	8.0%	$1,566	13.00%	$1,770	$23,568	7.5%	$56,760	3.1%
1992-93	7.0%	$1,676	13.00%	$1,894	$24,008	7.9%	$56,742	3.3%
1993-94	7.0%	$1,793	13.00%	$2,026	$23,955	8.5%	$56,211	3.6%
1994-95	10.0%	$1,972	13.00%	$2,228	$24,071	9.3%	$56,567	3.9%
1995-96	10.0%	$2,169	13.00%	$2,451	$24,749	9.9%	$58,874	4.2%
1996-97	10.0%	$2,386	23.00%	$2,935	$24,930	11.8%	$58,389	5.0%
1997-98	0.0%	$2,386	35.30%	$3,228	$25,787	12.5%	$60,449	5.3%
1998-99	0.0%	$2,386	48.83%	$3,551	$26,801	13.2%	$64,323	5.5%
1999-00	0.0%	$2,386	62.36%	$3,874	$27,959	13.9%	$67,577	5.7%
2000-01	0.0%	$2,386	65.61%	$3,951	$29,752	13.3%	$72,600	5.4%
2001-02	0.0%	$2,386	68.85%	$4,029	$30,358	13.3%	$73,801	5.5%
2002-03	0.0%	$2,386	72.10%	$4,106	$30,623	13.4%	$74,399	5.5%
2003-04	0.0%	$2,386	75.35%	$4,184	$31,175	13.4%	$75,873	5.5%
2004-05	0.0%	$2,386	75.35%	$4,184	$31,978	13.1%	$79,600	5.3%
2005-06	0.0%	$2,386	75.35%	$4,184	$33,105	12.6%	*n/a*	

Notes:
Fees are for full-time Canadian students.
The Maximum Discretionary Component (MDC) is expressed as a percentage of the Formula Fee Rate.
Maximum Tuition Fee (MTF) = Formula Fee Rate * (1 + MDC).
For 2000-01 and later, tuition was allowed to increase by 2% per year on average (non-compounding)
Partial deregulation of tuition fees began in 1996-97. For 1996-97 and thereafter, the MDC in this table represents the average, across ALL programs, allowed for each institution. Each institution has some flexibility to set tuition fee rates for individual programs above this MDC, as long as their institutional average, weighted by enrolment, does not exceed this MDC.
Tuition was frozen in 2004-05 and 2005-06
Average personal and family income are for Ontario.

Family Income is for Census Families with tw persons or more. The term "census family" corresponds to what is commonly referred to as a "nuclear family" or "immediate family". In general, it consists of a married couple or common-law couple with or without children, or a lone-parent with a child or children; furthermore, each child does not have his or her own spouse or child living in the household.

Average Individual Income excludes those without income and military personnel.

Sources:
Family Income — Statistics Canada, Income Division, Income Trends in Canada, 1980-2004
Personal Income — Statistics Canada, 13-213-PIB, Provincial Economic Accounts (1999, 2000)
Inflation — Statistics Canada: Income in Canada
http://www.statcan.ca/english/freepub/75-202-XIE/75-202-XIE2004000.pdf

FIGURE 5.1

MAXIMUM CHARGEABLE TUITION FEES
BACHELOR OF ARTS PROGRAMS
ONTARIO UNIVERSITIES
COMPARED WITH AVERAGE PERSONAL AND FAMILY INCOME
1988-89 TO 2004-05

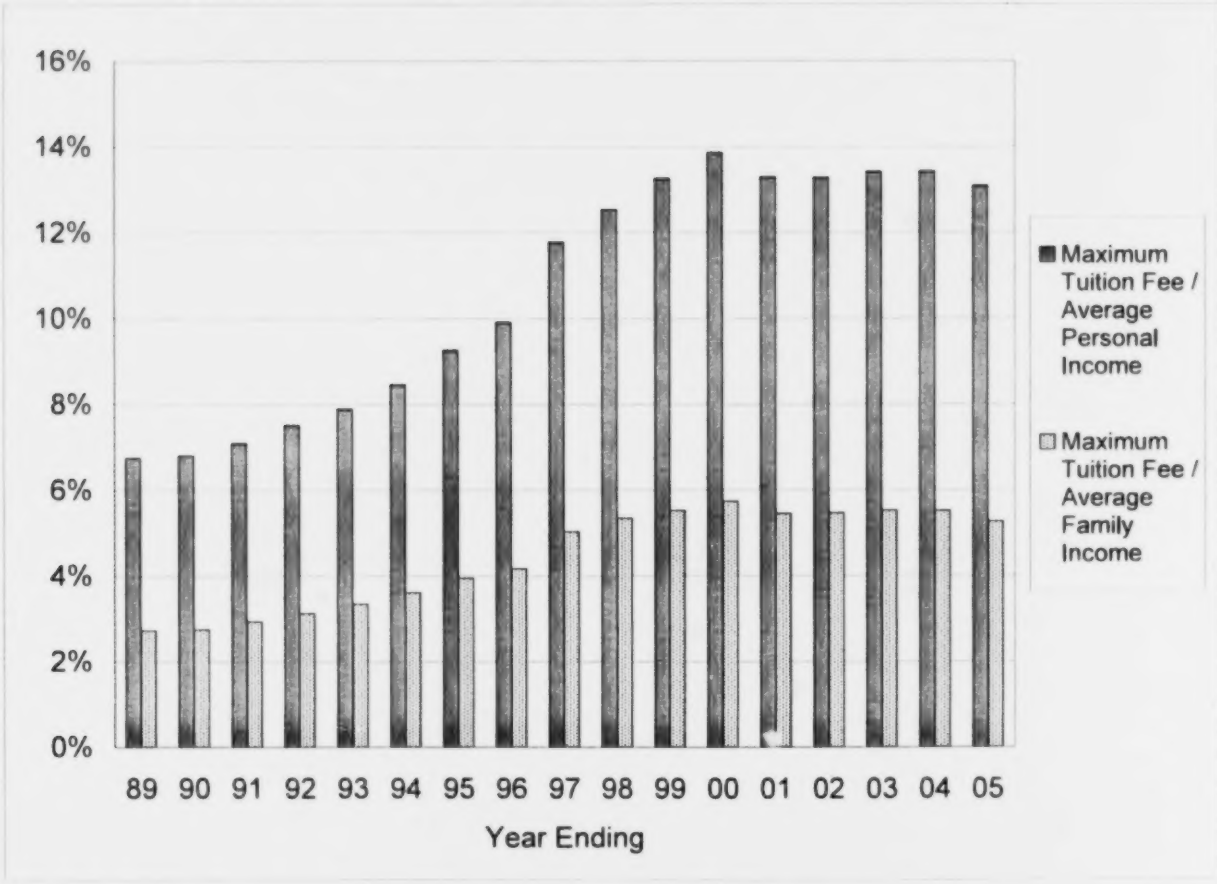


TABLE 5.2

TUITION FEES
SELECTED PROGRAMS
ONTARIO UNIVERSITIES
1988-89 TO 2005-06

	Bachelor of Arts			Bachelor of Engineering			Master of Arts		
	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max
Actual Dollars									
1988-89	$1,243	$1,397	$1,415	$1,243	$1,541	$2,069			
1989-90	$1,516	$1,517	$1,520	$1,516	$1,673	$2,234			
1990-91	$1,637	$1,639	$1,640	$1,638	$1,807	$2,396			
1991-92	$1,767	$1,770	$1,770	$1,769	$1,950	$2,570			
1992-93	$1,892	$1,894	$1,895	$1,893	$2,083	$2,718			
1993-94	$2,024	$2,026	$2,027	$2,026	$2,229	$2,908			
1994-95	$2,170	$2,225	$2,228	$2,228	$2,452	$3,196			
1995-96	$2,450	$2,451	$2,452	$2,418	$2,626	$2,690			
1996-97	$2,816	$2,920	$2,986	$2,935	$3,138	$3,238	$3,408	$4,190	$4,422
1997-98	$3,135	$3,213	$3,285	$3,217	$3,455	$3,600	$3,700	$4,428	$4,863
1998-99	$3,320	$3,495	$3,554	$3,550	$3,786	$3,990	$4,070	$4,562	$5,009
1999-00	$3,510	$3,812	$3,942	$3,902	$4,262	$4,627	$3,738	$4,680	$5,304
2000-01	$3,720	$3,919	$4,020	$4,150	$4,631	$5,500	$3,921	$4,775	$5,304
2001-02	$3,800	$4,001	$4,099	$4,028	$4,836	$5,850	$4,422	$4,971	$5,748
2002-03	$3,870	$4,079	$4,178	$4,106	$4,890	$6,260	$4,422	$5,082	$5,859
2003-04[1]	$3,950	$4,161	$4,261	$4,184	$5,239	$7,000	$4,154	$5,082	$5,568
2004-05[2]	$3,950	$4,161	$4,261	$4,184	$5,239	$7,000	$4,154	$5,113	$5,610
2005-06[2]	$3,950	$4,161	$4,261	$4,184	$5,239	$7,000	$4,154	$5,113	$5,610
Constant 2005-06 Dollars									
1988-89	$1,774	$1,994	$2,020	$1,855	$2,300	$3,088			
1989-90	$2,055	$2,056	$2,060	$2,149	$2,372	$3,166			
1990-91	$2,112	$2,114	$2,115	$2,209	$2,437	$3,232			
1991-92	$2,192	$2,195	$2,196	$2,294	$2,528	$3,333			
1992-93	$2,307	$2,310	$2,311	$2,414	$2,656	$3,466			
1993-94	$2,437	$2,439	$2,440	$2,550	$2,806	$3,661			
1994-95	$2,597	$2,663	$2,667	$2,788	$3,068	$4,000			
1995-96	$2,874	$2,875	$2,876	$2,965	$3,220	$3,299			
1996-97	$3,244	$3,363	$3,440	$3,535	$3,780	$3,900	$4,105	$5,047	$5,326
1997-98	$3,568	$3,657	$3,739	$3,828	$4,112	$4,284	$4,403	$5,270	$5,787
1998-99	$3,740	$3,938	$4,004	$4,182	$4,460	$4,700	$4,794	$5,374	$5,901
1999-00	$3,869	$4,202	$4,345	$4,497	$4,912	$5,333	$4,308	$5,395	$6,113
2000-01	$3,990	$4,203	$4,311	$4,654	$5,194	$6,168	$4,397	$5,354	$5,948
2001-02	$3,985	$4,195	$4,299	$4,417	$5,303	$6,415	$4,849	$5,451	$6,303
2002-03	$3,941	$4,153	$4,254	$4,372	$5,206	$6,665	$4,708	$5,411	$6,238
2003-04[1]	$3,950	$4,161	$4,261	$4,374	$5,478	$7,319	$4,343	$5,314	$5,822
2004-05[2]	$3,865	$4,071	$4,169	$4,280	$5,361	$7,162	$4,250	$5,231	$5,740
2005-06[2]	$3,950	$4,161	$4,261	$4,184	$5,239	$7,000	$4,154	$5,113	$5,610

Notes: Minimum, average, and maximum tuition fees are taken across all Ontario universities that offer the program. Fees are for full-time Canadian students. Average columns are not weighted by enrolment of individual institutions. University of Waterloo BEng tuition fee includes co-op fee for 1989-90 through 1994-95, and excludes co-op fee for 1995-96 onwards. Where a range is given, uses the lower number. Excludes ancillary fees.

1) Bachelor of Arts data for 2003-04 includes the Ontario College of Arts and Design (OCAD) and the University of Ontario Institute of Technology (UOIT). One institution decreased its first-year Master of Arts tuition in 2003-04, which affects the averages.

2) Fees were frozen.

Sources: COU Annual Fee Survey Report
CPI: Statistics Canada

FIGURE 5.2

TUITION FEES
SELECTED PROGRAMS
ONTARIO UNIVERSITIES
1988-89 TO 2005-06

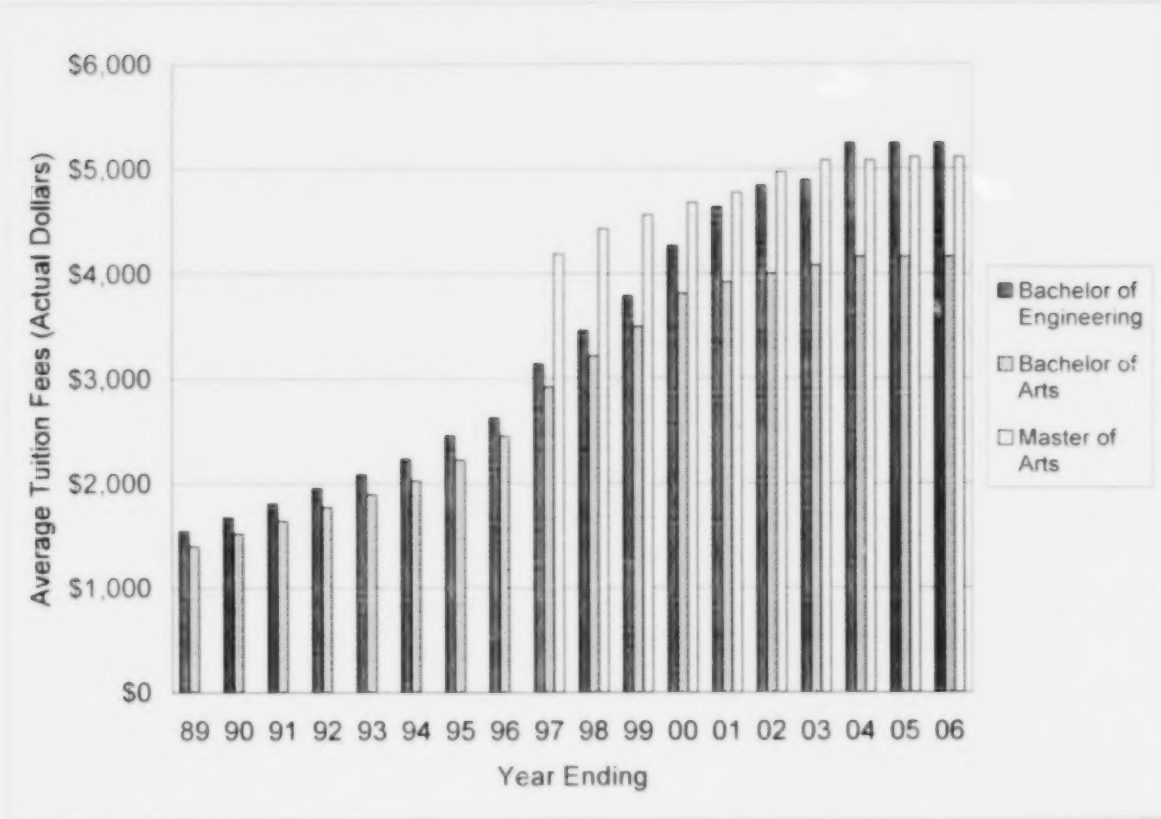


TABLE 5.3

INCREASE IN TUITION FEES
BACHELOR OF ARTS PROGRAMS
SELECTED CANADIAN UNIVERSITIES
1989-90 AND 2005-06
RATIO TO AVERAGE PERSONAL INCOME
2005-06

Province	Institution	Tuition Fees 1989-90	Tuition Fees 2005-06	Increase	2005 Provincial Average Personal Income	2005 Tuition/ Average Personal Income
Newfoundland	Memorial University	$1,280	$2,550	99%	$25,872	9.9%
PEI	University of PEI	$1,720	$4,620	169%	$25,841	17.9%
Nova Scotia	Dalhousie University	$1,710	$5,829	241%	$28,114	20.7%
New Brunswick	University of New Brunswick	$1,875	$5,183	176%	$26,644	19.5%
Quebec	Concordia University	$450	$1,668	271%		
	Universite Laval	$550	$1,668	203%		
	McGill University	$570	$1,668	193%		
	Universite de Montreal	$540	$1,668	209%		
	Universite de Quebec	$500	$1,668	234%		
	Universite de Sherbrooke	$470	$1,668	255%		
	6-University Average	$513	$1,668	225%	$29,499	5.7%
Ontario	Carleton University	$1,517	4,152	174%		
	University of Guelph	$1,518	4,184	176%		
	McMaster University	$1,516	4,133	173%		
	University of Ottawa	$1,517	4,163	174%		
	Queen's University	$1,517	4,193	176%		
	University of Toronto	$1,520	4,185	175%		
	University of Waterloo	$1,518	4,194	176%		
	University of Western Ontario	$1,517	4,140	173%		
	York University	$1,517	4,184	176%		
	9-University Average	$1,517	$4,170	175%	$33,105	12.6%
Manitoba	University of Manitoba	$1,332	2,859	115%	$28,020	10.2%
Saskatchewan	University of Saskatchewan	$1,344	4,416	229%	$27,941	15.8%
Alberta	University of Alberta	$1,069	4,537	324%		
	University of Calgary	$1,016	$4,590	352%		
	2-University Average	$1,043	$4,564	338%	$37,327	12.2%
British Columbia	University of British Columbia	$1,605	4,092	155%		
	Simon Fraser University	$1,560	4,356	179%		
	University of Victoria	$1,545	$4,325	180%		
	3-University Average	$1,570	$4,258	171%	$30,138	14.1%

Notes: Fees are for full-time Canadian students.
Average rows are not weighted by enrolment of individual institutions.
Universities are selected according to the following criteria:
- at least one university from each province;
- all universities with 500 or more full-time teaching staff in 1996-97.

Sources: Tuition: Tuition and Living Accomodation Costs at Canadian Universities, 2006-07, Statistics Canada.
Average Personal Income: Statistics Canada, Provincial Economic Accounts, CANSIM Table 3840013.

FIGURE 5.3

RATIO OF TUITION FEES TO AVERAGE PERSONAL INCOME
FOR BACHELOR OF ARTS PROGRAMS
(Selected Canadian Universities)
2005-06

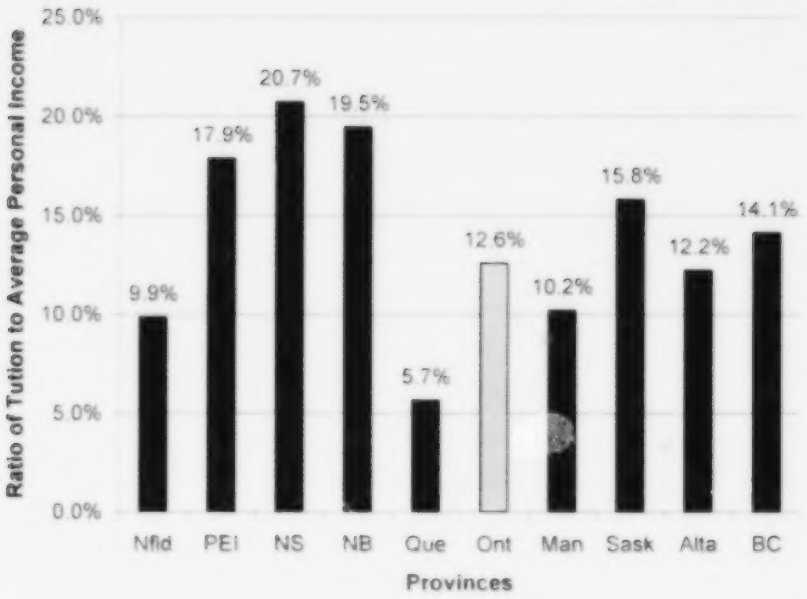


TABLE 5.4

TUITION PLUS REQUIRED FEES
COMPARED TO AVERAGE PERSONAL INCOME
FOR RESEARCH AND DOCTORAL LEVEL UNIVERSITIES
IN ONTARIO AND AMERICAN GREAT LAKES STATES
(FULL-TIME UNDERGRADUATE PROGRAMS)

	2005-06 Tuition + Required Fees			2005 Average Personal Income	2005-06 Avg Tuition + Reqd Fees / Avg Pers Inc
	Min	Avg	Max		
Ontario Universities	$4,353	$4,492	$4,720	$33,105	13.6%
Great Lakes States - Public Universities					
Illinois	$6,638	$7,510	$8,688	$36,120	20.8%
Indiana	$5,864	$6,422	$7,112	$31,276	20.5%
Michigan	$6,389	$7,632	$9,213	$33,116	23.0%
Minnesota	$8,622	$8,622	$8,622	$37,373	23.1%
New York	$4,260	$5,438	$6,059	$40,507	13.4%
Ohio	$6,864	$8,316	$11,797	$32,478	25.6%
Pennsylvania	$6,221	$9,701	$11,508	$34,897	27.8%
Wisconsin	$6,220	$6,250	$6,280	$33,565	18.6%
Total	$4,260	$7,486	$11,797	$34,917	21.4%
Great Lakes States - Private Universities					
Illinois	$21,100	$26,550	$32,265	$36,120	73.5%
Indiana	$31,542	$31,542	$31,542	$31,276	100.9%
Michigan	$16,506	$19,488	$22,470	$33,116	58.8%
Minnesota	$21,864	$21,864	$21,864	$37,373	58.5%
New York	$19,720	$28,096	$35,610	$40,507	69.4%
Ohio	$11,120	$19,899	$28,678	$32,478	61.3%
Pennsylvania	$21,480	$28,318	$32,364	$34,897	81.1%
Wisconsin	$23,346	$23,346	$23,346	$33,565	69.6%
Total	$11,120	$24,888	$35,610	$34,917	71.3%

Notes:

All Ontario data in $Cdn, all U.S. data in $US.
Ontario: full-time Bachelor of Arts tuition + compulsory ancillary fees retained by institution.
U.S.: full-time undergraduate in-state tuition + required fees.
Average tuition fees column is not weighted by enrolment of individual universities.
"Total" row for is average tuition fees not weighted by number of universities in each state.
"Total" row for average personal income is not weighted by population of each state.
Minnesota does not have any research or doctoral level private universities.

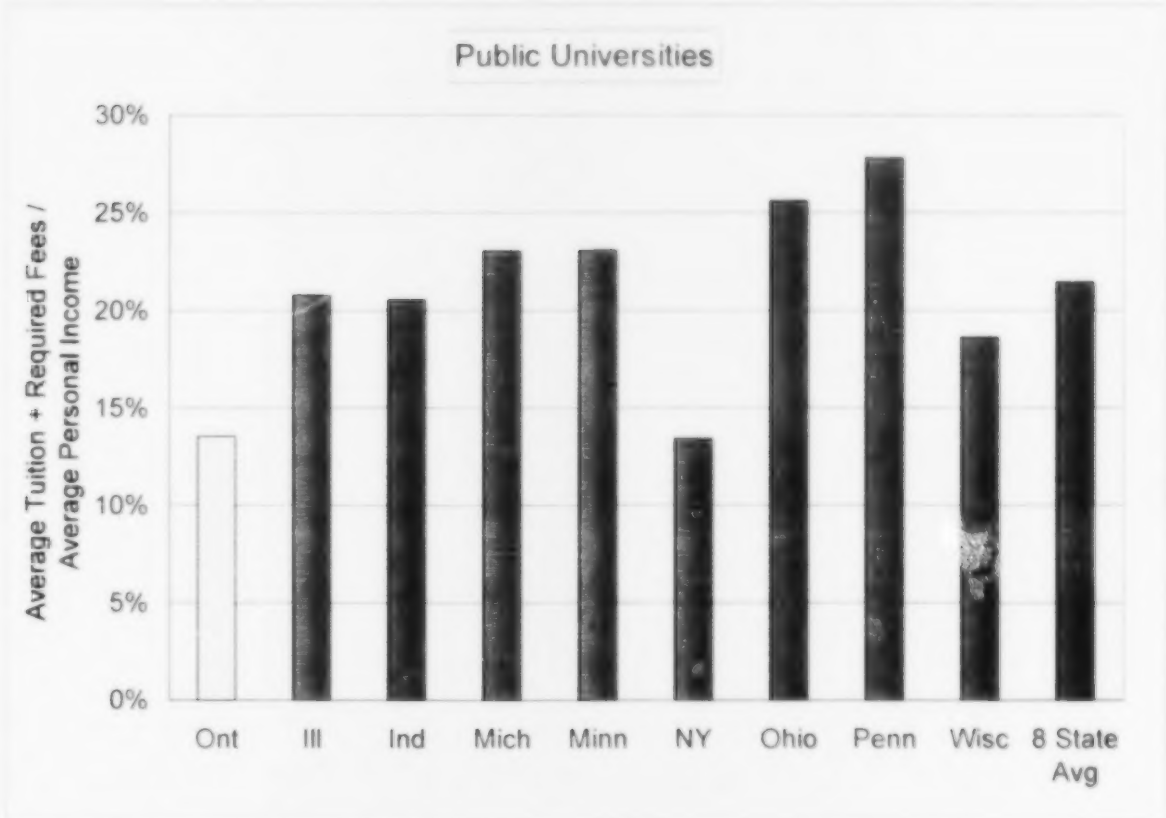
Sources:

Ontario tuition - Council of Ontario Universities.
U.S.A. tuition - Chronicle of Higher Education website
http://chronicle.com/stats/tuition/

Ontario personal income - see Resource Document, Table 5.1.
U.S.A. personal income - U.S. Bureau of Economic Analysis
http://www.bea.gov/bea/newsrel/SPINewsRelease.htm

FIGURE 5.4

TUITION PLUS REQUIRED FEES
COMPARED WITH AVERAGE PERSONAL INCOME
FOR RESEARCH AND DOCTORAL LEVEL UNIVERSITIES
IN ONTARIO AND AMERICAN GREAT LAKES STATES
(FULL-TIME UNDERGRADUATE PROGRAMS)
2005-06



Section 6

Student Financial Assistance

TABLE 6.1

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)*
ONTARIO GOVERNMENT STUDENT SUPPORT PROGRAM
1987-88 TO 2006-07

		Actual $	Index of Actual $	Constant $ 2006-07	Index of Constant $ 2006-07
1987-88		$181,220,191	100.0	$286,585,910	100.0
1988-89		$185,163,933	102.2	$281,245,928	98.1
1989-90		$188,731,975	104.1	$272,110,679	94.9
1990-91		$203,434,746	112.3	$279,136,405	97.4
1991-92		$270,188,715	149.1	$356,500,636	124.4
1992-93		$327,021,357	180.5	$424,204,180	148.0
1993-94	(1)	$101,413,273	56.0	$129,874,212	45.3
1994-95		$139,711,970	77.1	$177,874,853	62.1
1995-96		$230,548,001	127.2	$287,635,826	100.4
1996-97	(2)	$327,704,527	180.8	$401,562,856	140.1
1997-98		$524,051,334	289.2	$634,425,579	221.4
1998-99		$629,770,777	347.5	$754,717,299	263.3
1999-00	(3)	$867,806,943	478.9	$1,017,574,530	355.1
2000-01	(4)	$571,734,354	315.5	$651,685,367	227.4
2001-02		$366,427,332	202.2	$408,751,410	142.6
2002-03		$338,695,014	186.9	$366,851,073	128.0
2003-04	(5)	$251,921,082	139.0	$267,975,102	93.5
2004-05		$265,531,617	146.5	$276,376,309	96.4
2005-06		$389,215,438	214.8	$395,961,839	138.2
2006-07		*$439,404,200*	*242.5*	*$439,404,200*	*153.3*

Notes:

(1) Policy change to discontinue grants began in 1993-94.

(2) Ontario Student Opportunity Trust Fund (OSOTF) began in 1996-97, but is excluded from this table. The government's commitment to OSOTF was $39M in 1996-97, $110M in 1997-98, $90M in 1998-99, $56M in 1999-00 and $6 million in 2000-01.

(3) The increase in 1999-00 was mostly caused by the addition of $100 million in Millenium Foundation grants and the introduction of the Ontario Student Opportunity Grant.

(4) The $300 million decrease in 2000-01 was caused by:
   a. approximately $200 million due to the winding down of the loan forgiveness program that pertained only to loans issued between 1993-94 and 1997-98.
   b. $100 million because the Millenium Foundation grants were paid directly to students.

(5) Beginning in 2003-04, estimates were presented on the accrual basis rather than a modified cash basis.

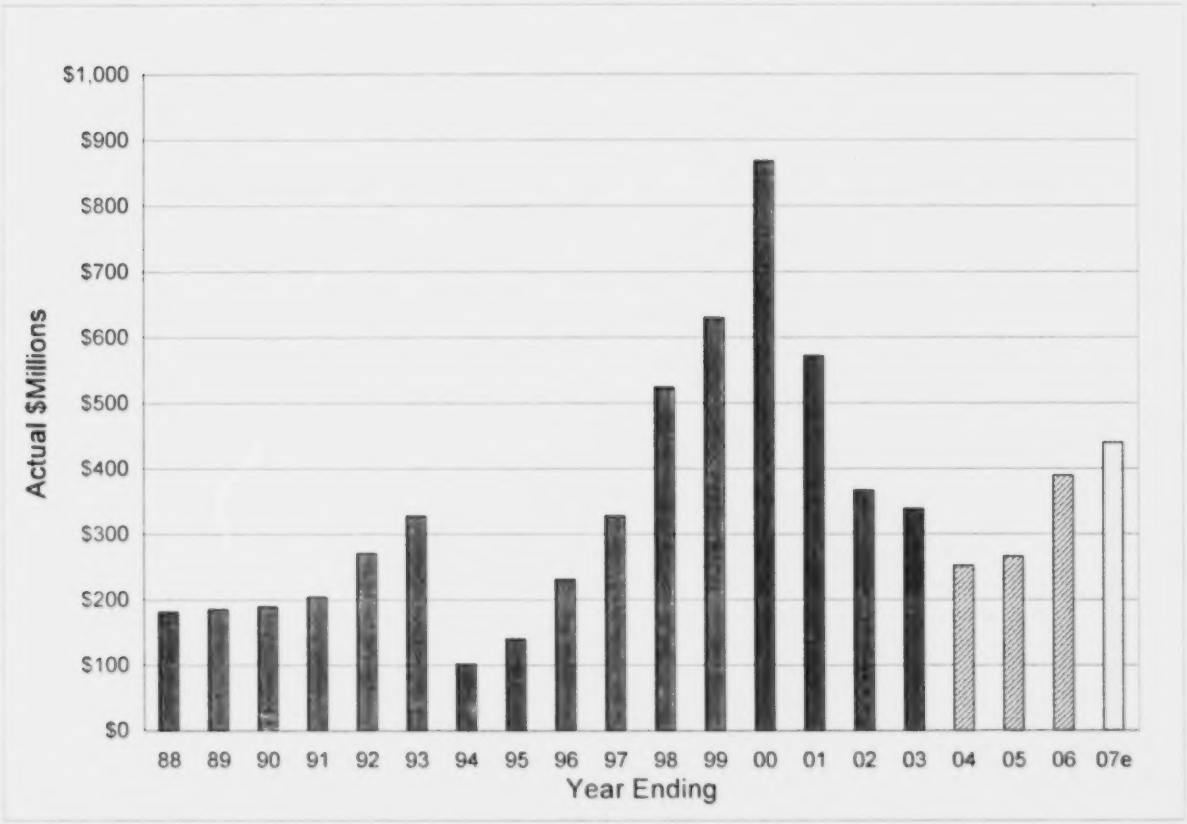
* Figures include OSAP support for students in all three sectors: universities, colleges of applied arts and technology, and private career colleges.

Sources: Public Accounts of Ontario, 1987-88 to 2005-06.
Expenditure Estimates of Ontario, 2006-07
http://www.fin.gov.on.ca/english/economy/estimates/index.html

CPI in 06-07 from calendar year estimates. Two-thirds of 2006 and 1/3 of 2005 from the University of Toronto Institute for Policy Analysis projections.

FIGURE 6.1

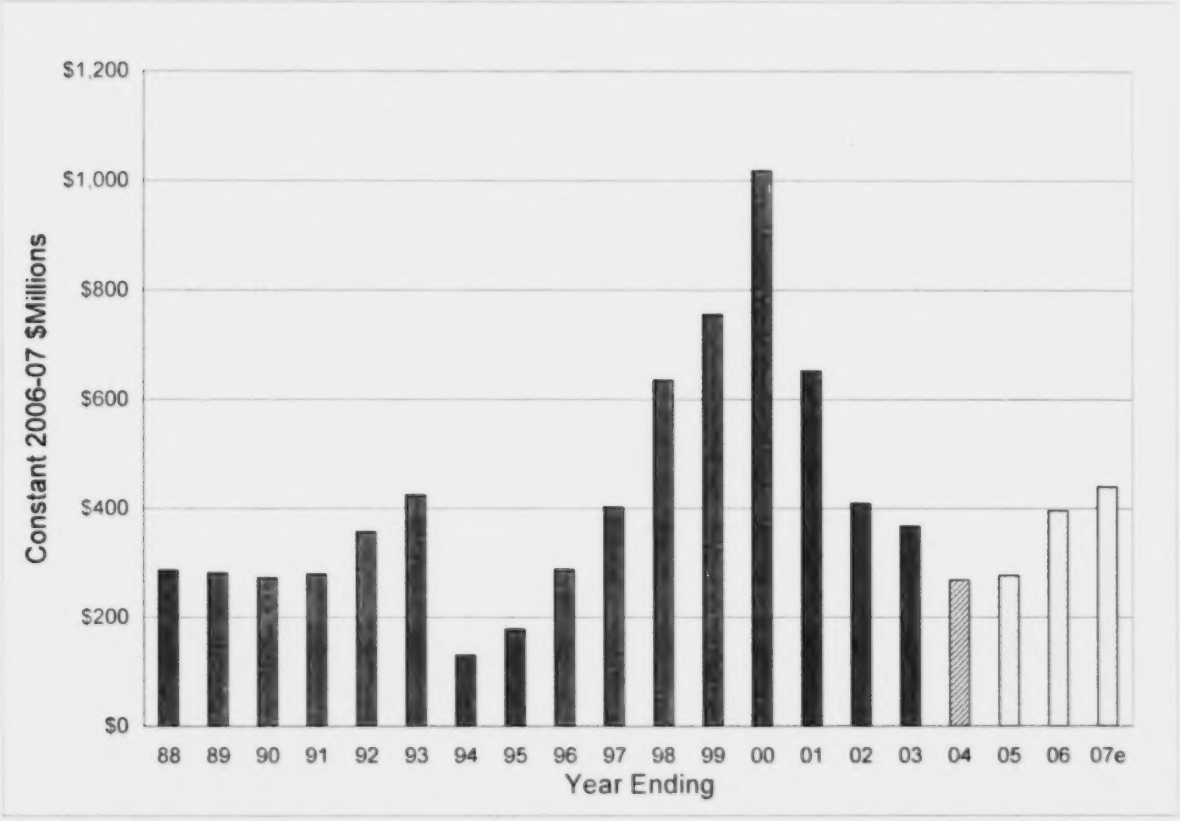
ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)*
ONTARIO GOVERNMENT STUDENT SUPPORT PROGRAM
1987-88 TO 2006-07



(1) Beginning in 2003-04, estimates are presented on the accrual basis rather than a modified cash basis.

FIGURE 6.1a

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)[1]
ONTARIO GOVERNMENT STUDENT SUPPORT PROGRAM
1987-88 TO 2006-07



(1) Beginning in 2003-04, estimates are presented on the accrual basis rather than a modified cash basis.

TABLE 6.2

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)
COMPARED TO TOTAL UNIVERSITY EXPENDITURES AND ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

	Scholarships and Bursaries		Total University Expenditures			FTE Enrolment		Scholarships & Bursaries / FTE Enrolment	
	$000s	Index	$000s	Index	Ratio[1]	Enrolment	Index	$	Index
1987-88	$44,808	100.0	$2,797,926	100.0	1.60%	221,446	100.0	$202	100.0
1988-89	$45,378	101.3	$3,060,102	109.4	1.48%	230,357	104.0	$197	97.4
1989-90	$51,090	114.0	$3,386,936	121.1	1.51%	237,752	107.4	$215	106.2
1990-91	$58,636	130.9	$3,814,463	136.3	1.54%	246,628	111.4	$238	117.5
1991-92	$63,493	141.7	$4,106,965	146.8	1.55%	256,592	115.9	$247	122.3
1992-93	$71,036	158.5	$4,135,034	147.8	1.72%	261,380	118.0	$272	134.3
1993-94	$76,700	171.2	$4,246,101	151.8	1.81%	259,346	117.1	$296	146.2
1994-95	$86,232	192.4	$4,239,880	151.5	2.03%	256,753	115.9	$336	166.0
1995-96	$92,797	207.1	$4,254,001	152.0	2.18%	253,545	114.5	$366	180.9
1996-97	$101,888	227.4	$4,200,916	150.1	2.43%	249,294	112.6	$409	202.0
1997-98	$126,928	283.3	$4,351,437	155.5	2.92%	248,441	112.2	$511	252.5
1998-99	$169,326	377.9	$4,684,533	167.4	3.61%	249,984	112.9	$677	334.8
1999-00	$228,456	509.9	$5,148,459	184.0	4.44%	257,895	116.5	$886	437.8
2000-01	$278,005	620.4	$5,786,258	206.8	4.80%	257,895	116.5	$1,078	532.7
2001-02	$334,216	745.9	$6,500,513	232.3	5.14%	276,278	124.8	$1,210	597.9
2002-03	$384,896	859.0	$7,167,363	256.2	5.37%	298,286	134.7	$1,290	637.7
2003-04	$448,810	1,001.6	$8,160,051	291.6	5.50%	335,670	151.6	$1,337	660.8
2004-05	$459,014	1,024.4	$8,786,678	314.0	5.22%	352,835	159.3	$1,301	642.9

Notes: 1) Ratio of scholarships and bursaries to total university expenditures

Financial data: includes general + restricted funds, and affiliated and federated colleges.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (See Appendix A).

Sources: Financial data: COFO-UO, Financial Report of Ontario Universities.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.

FIGURE 6.2

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)*
COMPARED TO TOTAL UNIVERSITY EXPENDITURES AND ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

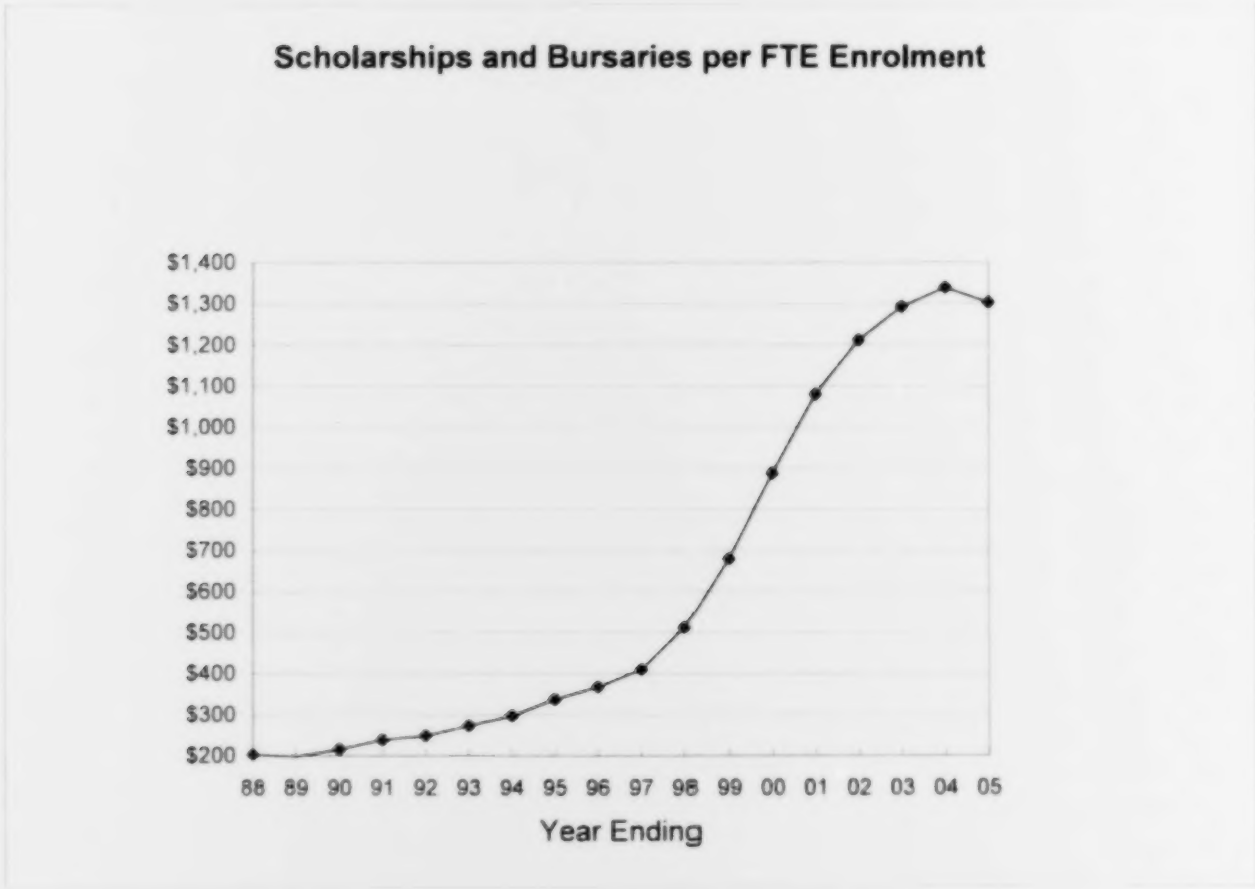


TABLE 6.3

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)*
LOAN DEFAULT RATES BY SECTOR
1996 TO 2004

	Loans Issued (#)								
	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02
University	26,198	33,101	34,579	33,802	30,218	25,110	25,687	24,762	21,211
College	26,281	34,237	36,722	35,559	31,567	27,373	26,392	24,603	21,003
PCC	9,580	12,049	18,552	21,453	16,783	13,463	10,985	9,108	6,229
Other	n.a.	n.a.	922	922	826	712	770	680	750
Total	62,059	79,387	90,775	91,736	79,394	66,658	63,834	59,153	49,193

	Loans in Default (#)									Default Rates (%)								
	1996	1997	1998	1999	2000	2001	2002	2003	2004	1996	1997	1998	1999	2000	2001	2002	2003	2004
University	3,024	4,595	4,237	2,855	2,140	1,851	1,916	1,769	1,611	11.5%	13.9%	12.3%	8.4%	7.1%	7.4%	7.5%	7.1%	7.6%
College	5,596	9,410	9,315	7,132	5,419	4,793	4,234	4,033	3,781	21.3%	27.5%	25.4%	20.1%	17.2%	17.5%	16.0%	16.4%	18.0%
PCC	2,913	4,635	6,408	6,648	4,844	3,598	2,655	2,140	1,614	30.4%	38.5%	34.5%	31.0%	28.9%	26.7%	24.2%	23.5%	25.9%
Other	n.a.	n.a.	109	73	53	51	63	50	83	n.a.	n.a.	11.8%	7.9%	6.4%	7.2%	8.2%	7.4%	11.1%
Total	11,533	18,640	20,069	16,708	12,456	10,293	8,868	7,992	7,089	18.6%	23.5%	22.1%	18.2%	15.7%	15.4%	13.9%	13.5%	14.4%

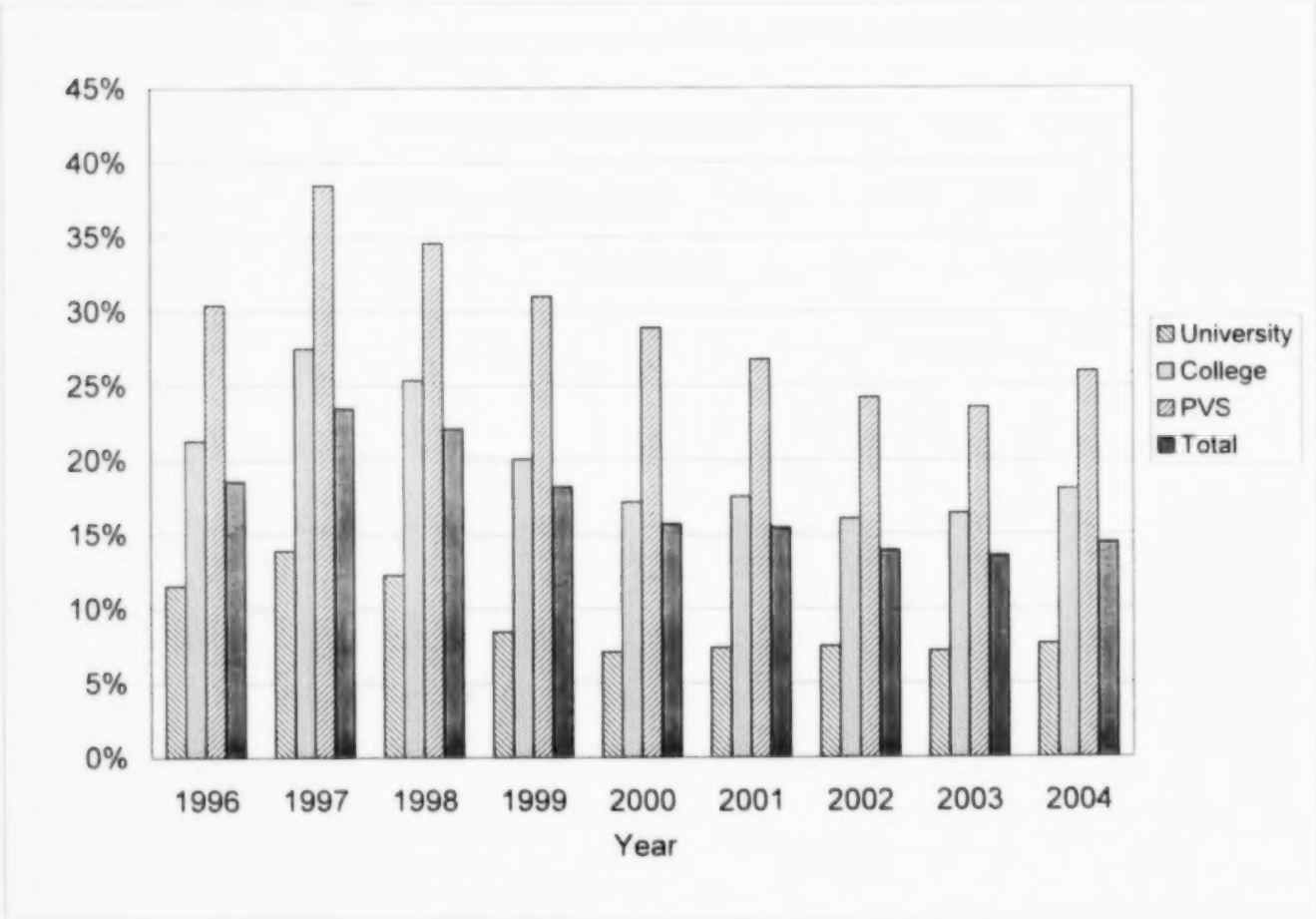
Notes:

PCC	Private Career Colleges
Other	Other private and public postsecondary institutions in Ontario
Loans Issued	Number of Ontario Student Loan (OSL) recipients in year specified who were not OSL recipients in the following year
Loans in Default	Loan recipients in year beginning 3 years earlier (as defined in Loans Issued) who defaulted as of July of the year specified

Source: Ministry of Training, Colleges and Universities
http://osap.gov.on.ca/eng/not_secure/choose.htm#2003%20Default%20Rates

FIGURE 6.3

ONTARIO STUDENT ASSISTANCE PROGRAM (OSAP)*
LOAN DEFAULT RATES BY SECTOR
1996 TO 2004



Section 7

University Infrastructure

TABLE 7.1

LIBRARY EXPENDITURES AND RELATED COMPARISONS ONTARIO UNIVERSITIES 1987-88 TO 2004-05

	Expenses in $000s				Indices				
	Library Acquisitions	Total Library	University Operating	FTE Enrolment	Library Acquisitions Expenses	Total Library Expenses	University Operating Expenses	FTE Enrolment	Price of Books and Periodicals
1987-88	$41,809	$133,885	$1,875,083	221,446	100.0	100.0	100.0	100.0	100.0
1988-89	$45,350	$139,689	$2,003,870	230,357	108.5	104.3	106.9	104.0	100.5
1989-90	$48,030	$151,607	$2,185,521	237,752	114.9	113.2	116.6	107.4	104.9
1990-91	$51,025	$163,992	$2,410,120	246,628	122.0	122.5	128.5	111.4	110.0
1991-92	$54,819	$179,219	$2,624,409	256,592	131.1	133.9	140.0	115.9	118.9
1992-93	$58,083	$189,811	$2,718,337	261,380	138.9	141.8	145.0	118.0	137.2
1993-94	$59,908	$188,135	$2,669,676	259,346	143.3	140.5	142.4	117.1	137.3
1994-95	$63,900	$189,234	$2,697,232	256,753	152.8	141.3	143.8	115.9	165.6
1995-96	$69,332	$195,808	$2,714,639	253,545	165.8	146.3	144.8	114.5	177.4
1996-97	$73,949	$192,106	$2,643,895	249,294	176.9	143.5	141.0	112.6	194.0
1997-98	$75,181	$192,152	$2,696,529	248,441	179.8	143.5	143.8	112.2	212.7
1998-99	$81,568	$203,919	$2,931,432	249,984	195.1	152.3	156.3	112.9	208.4
1999-00	$83,960	$208,275	$3,192,719	257,895	200.8	155.6	170.3	116.5	223.7
2000-01	$83,371	$206,487	$3,357,730	263,989	199.4	154.2	179.1	119.2	238.4
2001-02	$91,733	$214,980	$3,498,997	276,278	219.4	160.6	186.6	124.8	256.6
2002-03	$97,164	$233,331	$3,907,302	298,286	232.4	174.3	208.4	134.7	262.2
2003-04	$106,059	$243,279	$4,268,610	335,670	253.7	181.7	227.6	151.6	277.6
2004-05	$122,904	$266,900	$4,673,939	352,835	294.0	199.4	249.3	159.3	286.5

Notes: Affiliated and federated colleges included. Expenditures from general operating funds.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A).

The library component of the Ontario Universities Non-Salary Price Index (OUNSPI) was revised in 2002 to include additional sub-indices and to change the source for periodical information. For 1999 and 2000 a weighted average of the price changes indicated by the new methodology was applied to the old library acquisition series. The year 1999-00 was revised from last year to reflect changes. The value for 04-05 was based on a 3-year linear trend from 01-02 to 03-04.

Sources: Expenditures: COFO-UO, Financial Report of Ontario Universities.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.
Price of Books and Periodicals: Resource Document, Appendix E.

FIGURE 7.1

LIBRARY EXPENDITURES
AND RELATED COMPARISONS
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

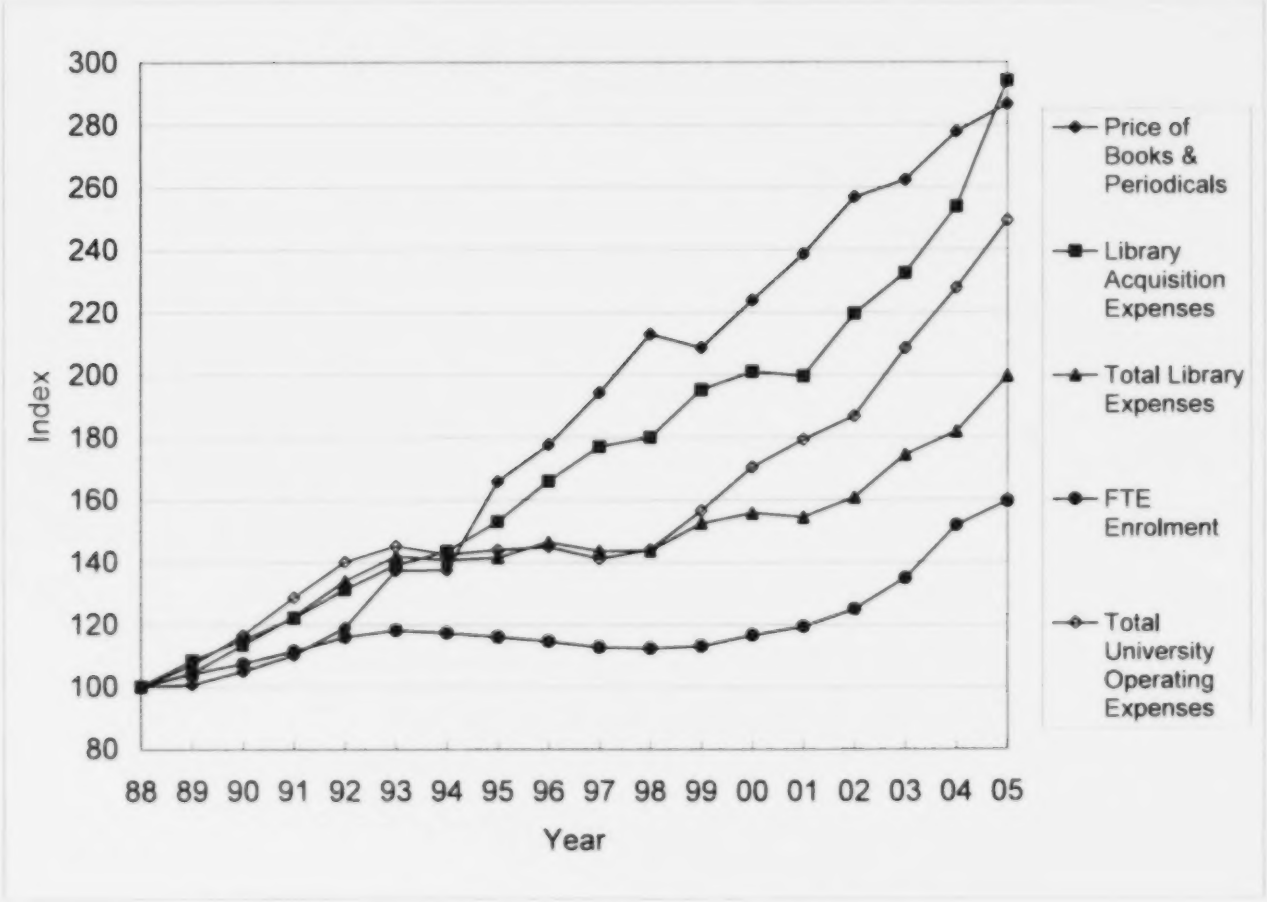


TABLE 7.2

MINISTRY OF TRAINING, COLLEGES AND UNIVERSITIES (MTCU) CAPITAL FUNDING
COMPARED TO CAPITAL EXPENDITURES AT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

	MTCU Capital Funding ($000s)		University Capital Expenditures ($000s)								MTCU Share of University Capital Expenses
			Buildings, Land and Site Services			Renovations & Alterations			Total		
	Actual $	Constant $	Actual $	Constant $	%	Actual $	Constant $	%	Actual $	Constant $	
1987-88	$60,653	$88,352	$65,353	$95,198	63.2%	$37,988	$55,336	36.8%	$103,341	$146,520	58.7%
1988-89	$72,700	$100,418	$82,205	$113,546	63.3%	$47,757	$65,965	36.7%	$129,962	$174,724	55.9%
1989-90	$77,700	$103,760	$125,189	$167,176	73.3%	$45,597	$60,890	26.7%	$170,786	$221,984	45.5%
1990-91	$77,700	$101,286	$185,001	$241,159	69.1%	$82,826	$107,968	30.9%	$267,827	$339,817	29.0%
1991-92	$124,557	$165,617	$187,081	$248,751	65.4%	$99,039	$131,687	34.6%	$286,120	$370,293	43.5%
1992-93	$83,967	$112,242	$97,485	$130,312	62.4%	$58,766	$78,555	37.6%	$156,251	$203,297	53.7%
1993-94	$72,065	$94,686	$115,346	$151,554	63.5%	$66,301	$87,113	36.5%	$181,647	$232,303	39.7%
1994-95	$39,844	$50,691	$69,700	$88,676	57.8%	$50,984	$64,864	42.2%	$120,684	$149,446	33.0%
1995-96	$51,466	$63,516	$53,187	$65,640	42.5%	$71,934	$88,777	57.5%	$125,121	$150,299	41.1%
1996-97	$33,871	$41,260	$55,334	$67,406	52.8%	$49,417	$60,198	47.2%	$104,751	$124,202	32.3%
1997-98	$36,932	$43,930	$49,265	$58,600	42.5%	$66,644	$79,272	57.5%	$115,909	$134,195	31.9%
1998-99	$35,440	$41,411	$84,102	$98,273	51.9%	$77,853	$90,971	48.1%	$161,955	$184,197	21.9%
1999-00	$604,838	$695,573	$84,014	$96,617	38.2%	$136,198	$156,630	61.8%	$220,212	$246,494	274.7%
2000-01	$94,108	$105,253	$217,075	$242,781	53.7%	$186,884	$209,015	46.3%	$403,959	$439,748	23.3%
2001-02	$27,700	$30,289	$420,483	$459,791	71.4%	$168,643	$184,408	28.6%	$589,126	$627,020	4.7%
2002-03	$34,200	$36,551	$556,531	$594,784	79.9%	$140,213	$149,850	20.1%	$696,744	$724,777	4.9%
2003-04	$75,982	$78,064	$886,152	$910,430	83.8%	$171,058	$175,745	16.2%	$1,057,210	$1,057,210	7.2%
2004-05	$257,388	$257,388	$657,844	$657,844	78.4%	$180,958	$180,958	21.6%	$838,802	$816,434	30.7%
										Mean 87/88 to 04/05 =	46.2%
										Median 87/88 to 04/05 =	32.7%

Notes: Expenditures: Buildings, Land and Site Services + Renovations and Alterations, General plus restricted funds. Excludes ancillary funds. Incl
Constant dollars are expressed in terms of 2004-05 dollars based on OUNSPI Renovation index. The 2004-05 Renovation Index is estimate
MTCU share can be over 100% because the related expenses may be realized over several years.
Mean MTCU share of university capital expenses is unweighted.

Sources: Funding: Ministry of Training, Colleges and Universities, Universities Branch.
Expenditures: COFO-UO, Financial Report of Ontario Universities.

FIGURE 7.2

MINISTRY OF TRAINING, COLLEGES AND UNIVERSITIES CAPITAL FUNDING COMPARED TO CAPITAL EXPENDITURES AT ONTARIO UNIVERSITIES 1987-88 TO 2004-05

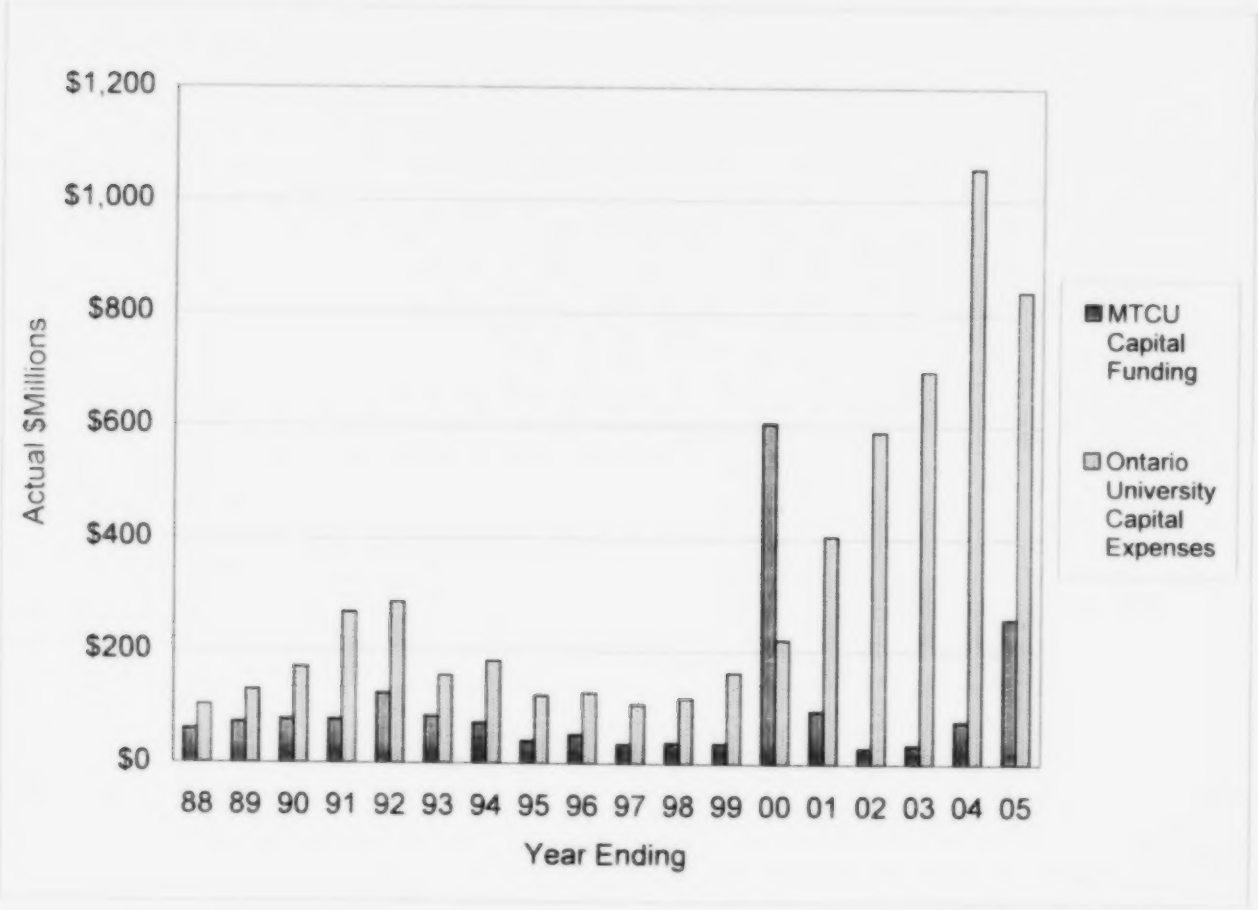


TABLE 7.3

UNIVERSITY CAPITAL EXPENDITURES
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2004-05

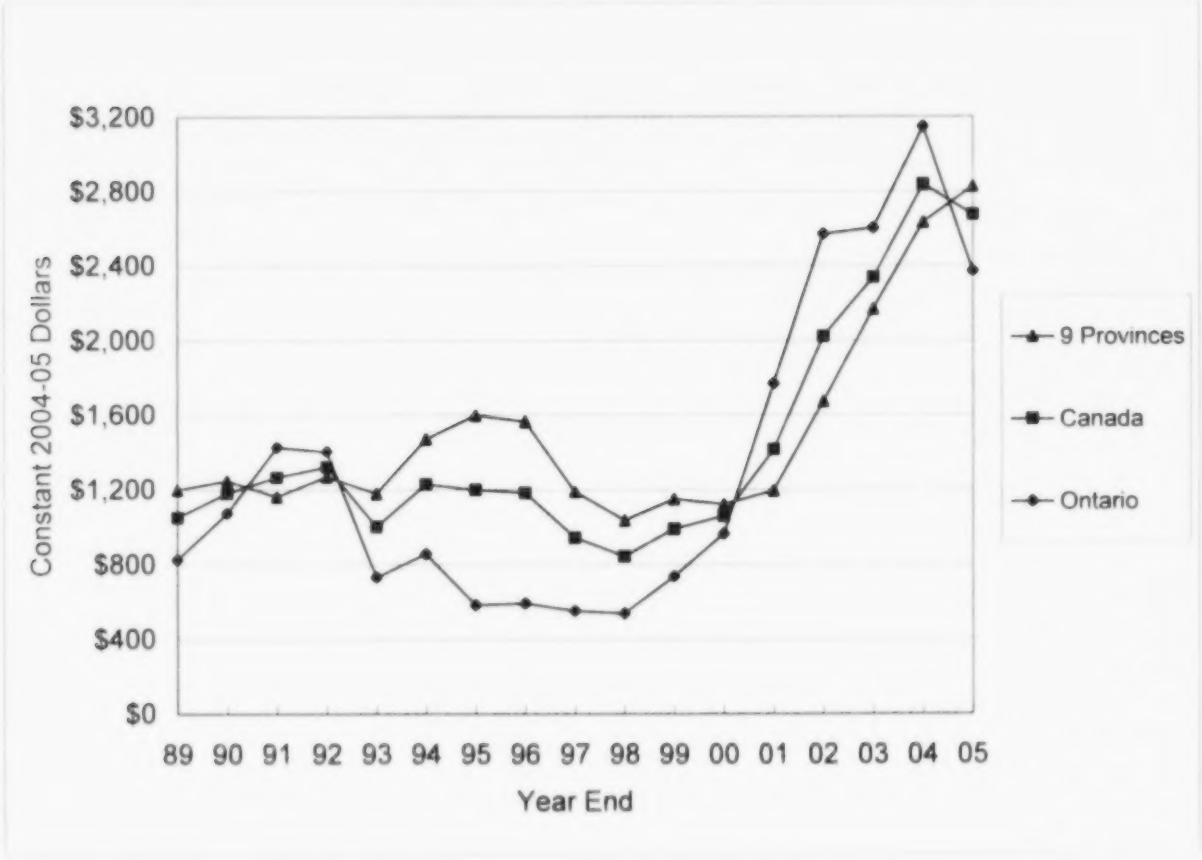
	Constant 2004-05 Dollars																10-Year	
	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	Average	Rank
Newfoundland	$2,367	$977	$819	$1,266	$785	$368	$793	$614	$424	$645	$294	$1,326	$1,466	$1,337	$502	$1,344	$1,533	$965	(9)
P.E.I.	$1,734	$3,142	$789	$207	$587	$65	$119	$89	$122	$0	$678	$717	$497	$1,219	$923	$1,442	$5,149	$1,212	(8)
Nova Scotia	$1,038	$486	$190	$314	$327	$568	$549	$773	$1,341	$523	$1,084	$1,143	$1,363	$2,015	$2,663	$1,481	$1,665	$1,426	(7)
New Brunswick	$847	$236	$264	$645	$958	$1,288	$1,319	$1,052	$643	$682	$720	$1,037	$1,077	$662	$909	$1,012	$1,505	$937	(10)
Quebec	$799	$971	$1,128	$1,196	$983	$1,357	$1,527	$1,760	$1,152	$1,289	$1,431	$776	$471	$950	$1,999	$2,329	$2,205	$1,459	(6)
Manitoba	$500	$328	$464	$631	$512	$601	$841	$1,508	$1,232	$588	$1,688	$1,266	$920	$1,392	$1,532	$1,994	$2,227	$1,466	(5)
Saskatchewan	$1,636	$3,966	$2,114	$681	$509	$633	$626	$861	$1,182	$496	$291	$1,945	$2,842	$4,253	$5,690	$4,825	$2,294	$2,477	(1)
Alberta	$1,563	$1,844	$1,602	$1,126	$1,358	$1,192	$975	$848	$702	$746	$974	$1,743	$2,460	$2,446	$2,028	$2,369	$3,412	$1,832	(3)
British Columbia	$2,197	$1,419	$1,892	$3,148	$3,041	$3,987	$4,296	$3,000	$2,083	$1,568	$1,087	$954	$1,243	$2,114	$2,149	$4,528	$5,271	$2,473	(2)
9 Provinces	$1,196	$1,247	$1,160	$1,267	$1,177	$1,469	$1,595	$1,561	$1,187	$1,034	$1,146	$1,119	$1,192	$1,671	$2,165	$2,631	$2,824	$1,689	
Difference from Ont	$373	$174	-$265	-$135	$448	$614	$1,014	$972	$637	$498	$411	$157	-$574	-$896	-$435	-$514	$456	$45	
Ontario	$823	$1,072	$1,425	$1,402	$729	$854	$581	$589	$550	$536	$734	$962	$1,766	$2,567	$2,600	$3,146	$2,368	$1,644	(4)
Canada	$1,050	$1,178	$1,265	$1,321	$999	$1,227	$1,198	$1,182	$941	$841	$987	$1,057	$1,413	$2,019	$2,335	$2,836	$2,672	$1,676	
Difference from Ont	$227	$106	-$160	-$81	$270	$373	$617	$593	$391	$306	$253	$96	-$353	-$548	-$265	-$310	$304	$31	

Notes: Expenditures: Total funds spent on renovations & alterations + buildings + land & site services. Excludes capital expenditures in the ancillary fund.
All expenditures are in 2001-02 dollars.
FTE Enrolment: full-time enrolment + (part-time enrolment / 3.5), undergraduate + graduate.
Ratio: 10-year average = sum of 10-year expenses in constant 2001-02 dollars / sum of 10-year FTE enrolment.

Sources: Expenditures: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.
Full-time and part-time enrolment: Statistics Canada.

FIGURE 7.3

UNIVERSITY CAPITAL EXPENDITURES
PER FTE ENROLMENT
PROVINCIAL COMPARISON
1988-89 TO 2004-05



Note: excludes capital expenditures in the ancillary fund.

TABLE 7.4

UNIVERSITY CAPITAL AND PLANT RELATED INDICATORS
PROVINCIAL COMPARISON
1995-96 TO 2004-05

	Income						Expenditures			
	Prov Govt Grant for Plant as a share of Total Plant Income		Prov Govt Grant for Plant as a share of Total University Income		Total Plant Income as a share of Total University Income		Total Capital Expenditures as a share of Total University Expenditures		Total Plant Expenditures as a share of Total University Expenditures	
	%	Rank	%	Rank	%	Rank	%	Rank	%	Rank
Newfoundland	19.2%	(10)	0.7%	(10)	3.6%	(6)	5.1%	(10)	4.0%	(10)
P.E.I.	22.0%	(9)	1.7%	(7)	7.7%	(2)	5.2%	(9)	6.0%	(6)
Nova Scotia	41.2%	(8)	0.8%	(9)	1.8%	(10)	6.9%	(4)	6.3%	(5)
New Brunswick	69.5%	(5)	1.4%	(8)	2.0%	(9)	6.1%	(8)	4.2%	(9)
Quebec	75.0%	(3)	6.2%	(1)	8.3%	(1)	6.2%	(6)	12.5%	(1)
Manitoba	65.5%	(6)	2.1%	(4)	3.7%	(5)	6.5%	(5)	5.5%	(7)
Saskatchewan	85.1%	(1)	2.4%	(3)	6.2%	(3)	10.7%	(1)	7.0%	(3)
Alberta	70.9%	(4)	5.2%	(2)	2.9%	(8)	8.0%	(2)	5.5%	(8)
British Columbia	76.0%	(2)	2.1%	(6)	5.2%	(4)	6.1%	(7)	8.1%	(2)
9 Provinces	72.9%		4.1%		5.6%		6.8%		8.8%	
Ontario	60.7%	(7)	2.1%	(4)	3.5%	(7)	7.3%	(3)	6.5%	(4)
Canada	69.5%		3.3%		4.8%		7.0%		7.9%	

Notes: Percentages are based on 10-year averages calculated in terms of constant 2004-05 dollars.
Capital Expenditures = Total Funds from all sources spent on Buildings + Renovations & Alterations + Land & Site Services.
Plant Income = Grants and related interest income for the purpose of capital expenditures on furniture & equipment, major renovations & alterations, space rental, buildings, and land & site services.
Total University Income & Expenditures = Total for General Operating + Special Purpose & Trust + Sponsored Research + Ancillary Enterprises + Plant

Source: Expenditures: Statistics Canada, Canadian Association of University Business Officers (CAUBO), Financial Statistics of Universities and Colleges.

TABLE 7.5

INVENTORY OF PHYSICAL SPACE
COMPARED TO GENERATED SPACE
ONTARIO UNIVERSITIES
1986-87 TO 2004-05

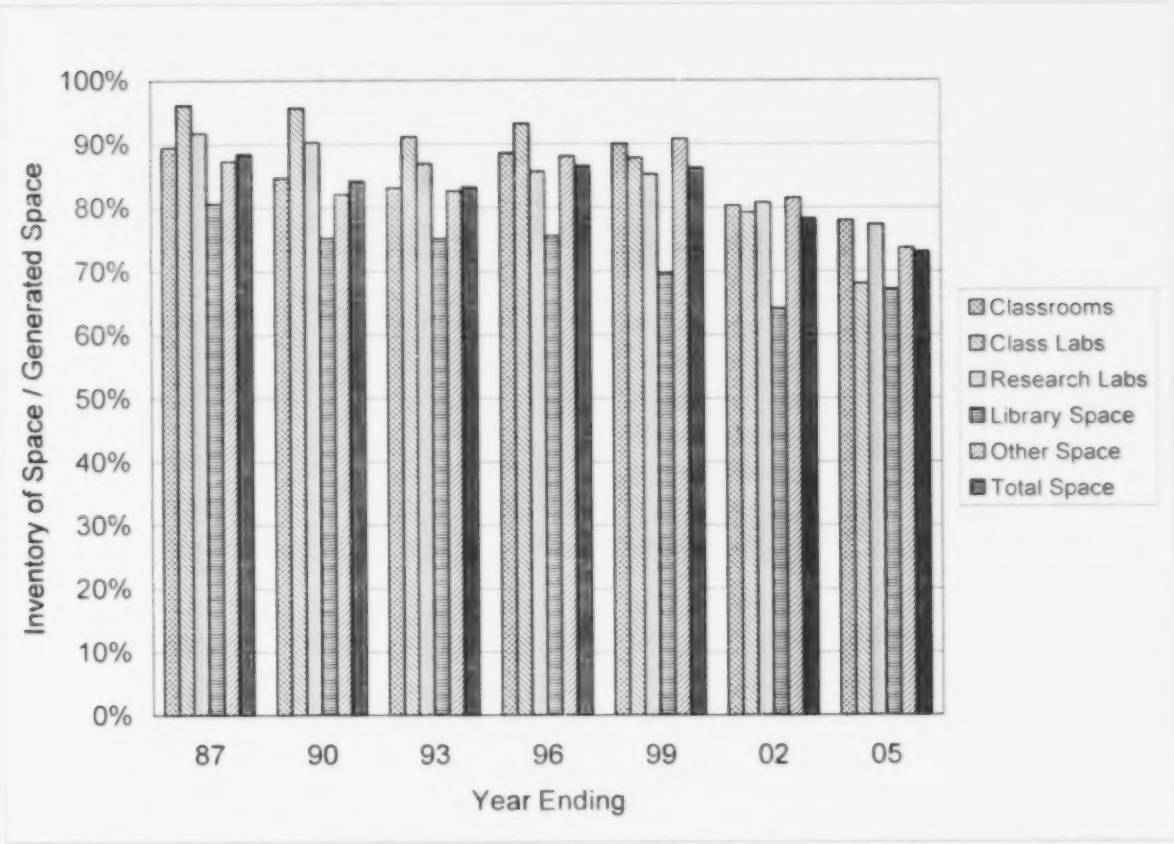
Category of Space	Year	Inventory of Space	Generated Space	Inventory/ Generated Space
Classrooms	1986-87	206,972	231,405	89.4%
	1989-90	218,568	258,220	84.6%
	1992-93	247,913	298,551	83.0%
	1995-96	256,078	289,317	88.5%
	1998-99	260,194	289,183	90.0%
	2001-02	265,015	329,986	80.3%
	2004-05	324,465	416,291	77.9%
Class Labs	1986-87	311,046	323,758	96.1%
	1989-90	310,303	324,505	95.6%
	1992-93	326,451	358,283	91.1%
	1995-96	333,493	357,967	93.2%
	1998-99	325,353	370,708	87.8%
	2001-02	323,384	408,197	79.2%
	2004-05	340,899	501,137	68.0%
Research Labs	1986-87	300,052	327,236	91.7%
	1989-90	318,474	352,848	90.3%
	1992-93	339,867	391,027	86.9%
	1995-96	345,662	403,446	85.7%
	1998-99	349,394	409,887	85.2%
	2001-02	367,422	454,829	80.8%
	2004-05	430,612	557,159	77.3%
Campus Study Space & Library Facilities	1986-87	264,431	327,804	80.7%
	1989-90	280,579	373,000	75.2%
	1992-93	318,214	423,698	75.1%
	1995-96	326,963	432,638	75.6%
	1998-99	325,471	466,966	69.7%
	2001-02	343,363	534,670	64.2%
	2004-05	368,804	549,079	67.2%
Other Space	1986-87	1,029,180	1,179,049	87.3%
	1989-90	1,073,550	1,307,765	82.1%
	1992-93	1,215,830	1,472,340	82.6%
	1995-96	1,263,359	1,435,180	88.0%
	1998-99	1,294,257	1,426,326	90.7%
	2001-02	1,314,370	1,613,076	81.5%
	2004-05	1,451,680	1,971,514	73.6%
Total Space	1986-87	2,111,681	2,389,252	88.4%
	1989-90	2,201,474	2,616,338	84.1%
	1992-93	2,448,275	2,943,899	83.2%
	1995-96	2,525,555	2,918,548	86.5%
	1998-99	2,554,669	2,963,070	86.2%
	2001-02	2,613,554	3,340,758	78.2%
	2004-05	2,916,460	3,995,180	73.0%

Source: COU Triennial Inventory of Physical Facilities of Ontario Universities.

Notes: Space is measured in net assignable square meters.
"Generated Space" is calculated using established space standards -- "COU Building Blocks" -- which depend on category of space, program classification, and input measures (FTE enrolment, FTE faculty, FTE graduate students, weekly student contact hours, FTE non-academic staff, and library volumes).
"Other Space" is an aggregate of the following space categories: academic departmental offices and related space, athletic and recreational space, food services, bookstore and other merchandising facilities, plant maintenance, administrative office and related space, audio-visual and television facilities, central services, health service facilities, common use and student activity space, and assembly and exhibition space. Excluded are non-assignable space as well as the following non-formula space categories: residential space, animal space, other university facilities, and health science clinical facilities.

FIGURE 7.5

INVENTORY OF PHYSICAL SPACE
COMPARED TO GENERATED SPACE
ONTARIO UNIVERSITIES
1986-87 TO 2004-05



Section 8

Faculty and Staff

TABLE 8.1

FACULTY AND STAFF COMPARED TO ENROLMENT ONTARIO UNIVERSITIES 1987-88 TO 2004-05

						Index				
	Full-Time Faculty	FTE Part-Time Faculty	FTE Non-Academic Staff	FTE Faculty and Staff	FTE Enrolment	Full-Time Faculty	FTE Part-Time Faculty	FTE Non-Academic Staff	FTE Faculty and Staff	FTE Enrolment
1987-88	13,085	1,780	17,658	32,523	219,574	100.0	100.0	100.0	100.0	100.0
1988-89	13,372	1,874	18,004	33,249	228,546	102.2	105.3	102.0	102.2	104.1
1989-90	13,673	1,932	18,330	33,935	236,081	104.5	108.6	103.8	104.3	107.5
1990-91	13,717	1,924	18,626	34,267	244,870	104.8	108.1	105.5	105.4	111.5
1991-92	13,422	1,895	18,640	33,957	254,786	102.6	106.4	105.6	104.4	116.0
1992-93	13,347	1,951	18,473	33,772	259,587	102.0	109.6	104.6	103.8	118.2
1993-94	13,146	1,985	18,319	33,449	257,475	100.5	111.5	103.7	102.8	117.3
1994-95	12,792	1,937	17,823	32,552	254,930	97.8	108.8	100.9	100.1	116.1
1995-96	12,647	1,903	17,372	31,922	251,791	96.7	106.9	98.4	98.2	114.7
1996-97	11,755	1,661	15,882	29,498	247,477	89.8	104.6	89.9	90.7	112.7
1997-98	11,664	1,606	15,800	29,270	246,712	89.1	101.5	89.5	90.0	112.4
1998-99	11,747	1,785	15,750	29,282	248,501	89.8	100.3	89.2	90.0	113.2
1999-00	11,709	1,750	16,114	29,573	255,836	89.5	98.3	91.3	90.9	116.5
2000-01	11,700	1,844	16,716	30,260	261,938	89.4	103.6	94.7	93.0	119.3
2001-02	11,833	1,903	17,110	30,846	274,208	90.4	106.9	96.9	94.8	124.9
2002-03	12,215	2,153			296,213	93.4	121.0	n/a	n/a	134.9
2003-04	12,820				332,951	98.0	n/a	n/a	n/a	151.6
2004-05	13,300				349,963	101.6	n/a	n/a	n/a	159.4

Notes: Because counts of full-time faculty for OCAD are not available from Statistics Canada, in order to be consistent all data in this table are based on the 17 Ontario universities, with OCAD and Dominicain excluded. See notes to Table 8.5 for details on the methodology for counting full-time faculty. For some years estimates of full-time faculty counts are used to compensate for occasional unreported data by specific universities. The counts in this table are, for some years, higher than those provided in COU's annual "Facts and Figures" report, where unreported counts are not estimated. Data for 1998-99-on are from Facts and Figures.

Due to survey methodologies, the FTE Faculty and Staff column (the sum of the three previous columns) does not represent all faculty and staff employed by Ontario universities.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A).

Sources: Full-time faculty: Statistics Canada, Salaries and Salary Scales of Full-time Teaching Staff at Canadian Universities.
Part-time faculty: Council of Ontario Universities, Survey on Faculty Complements.
Non-academic staff: Council of Ontario Universities, Survey on Non-academic Employees.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.

FIGURE 8.1

FACULTY AND STAFF
COMPARED TO ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

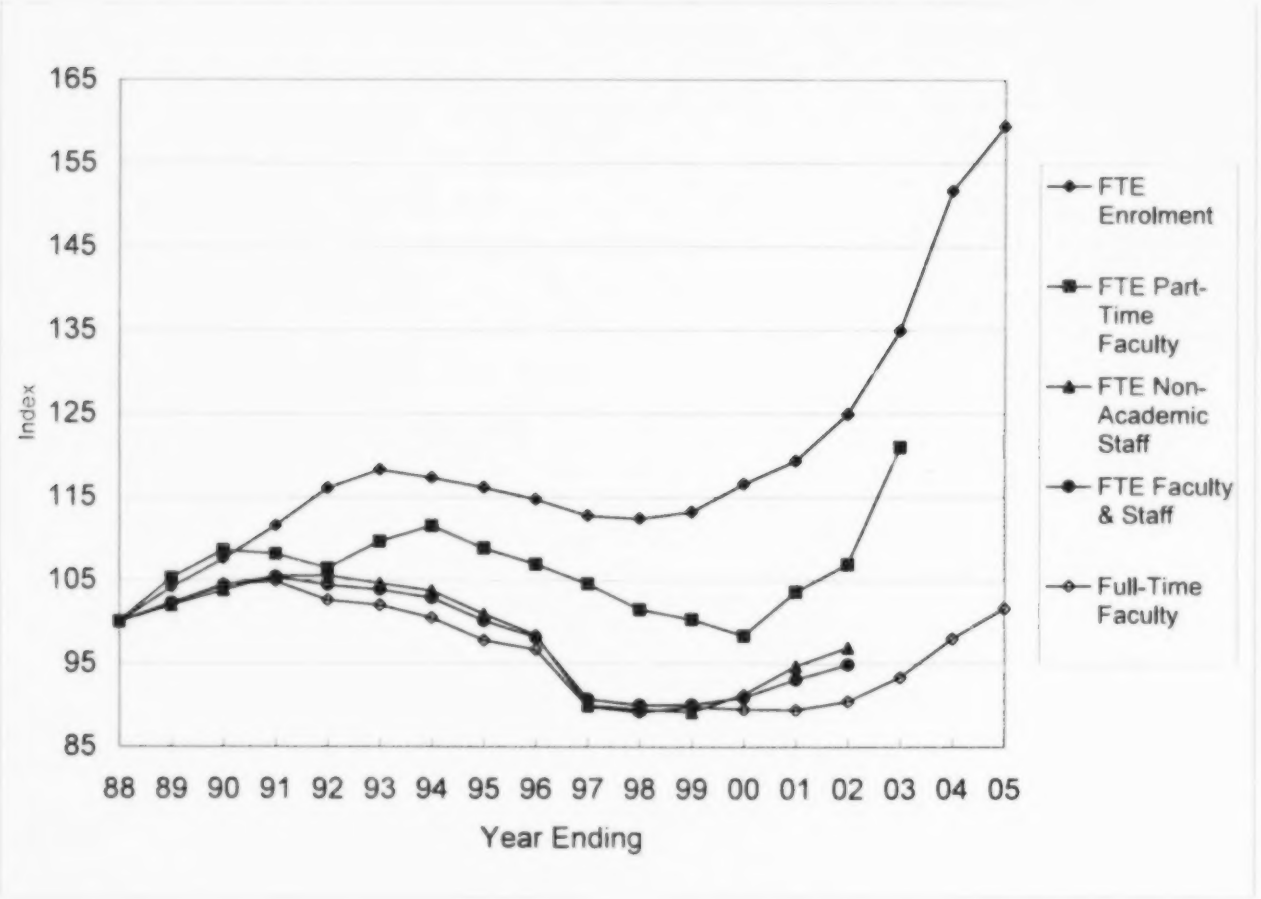


TABLE 8.2

SALARIES AND WAGES
COMPARED TO ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

	Actual $000s				Constant 2004-05 $000s			
	Academic Ranks	Other Instruction & Research	Non-Academic Staff	Total	Academic Ranks	Other Instruction & Research	Non-Academic Staff	Total
1987-88	$727,439	$72,417	$530,099	$1,329,955	$1,105,249	$110,028	$805,417	$2,020,694
1988-89	$781,634	$81,170	$572,376	$1,435,180	$1,140,640	$118,452	$835,270	$2,094,362
1989-90	$842,949	$91,461	$628,352	$1,562,762	$1,167,661	$126,693	$870,399	$2,164,753
1990-91	$913,361	$102,861	$690,116	$1,706,338	$1,204,063	$135,599	$909,764	$2,249,427
1991-92	$981,391	$135,875	$721,308	$1,838,574	$1,244,087	$172,246	$914,385	$2,330,718
1992-93	$1,007,737	$133,595	$757,344	$1,898,676	$1,255,919	$166,496	$943,860	$2,366,274
1993-94	$996,655	$136,466	$743,105	$1,876,226	$1,226,276	$167,907	$914,311	$2,308,494
1994-95	$975,524	$125,276	$762,671	$1,863,471	$1,193,258	$153,237	$932,897	$2,279,392
1995-96	$957,423	$121,537	$786,234	$1,865,194	$1,147,627	$145,682	$942,429	$2,235,739
1996-97	$917,717	$128,047	$745,324	$1,791,088	$1,080,427	$150,750	$877,469	$2,108,645
1997-98	$927,706	$122,406	$751,036	$1,801,148	$1,079,028	$142,372	$873,540	$2,094,940
1998-99	$937,117	$131,396	$856,142	$1,924,655	$1,078,974	$151,286	$985,741	$2,216,002
1999-00	$988,644	$140,050	$898,001	$2,026,695	$1,113,778	$157,776	$1,011,662	$2,283,216
2000-01	$1,036,505	$153,724	$940,493	$2,130,722	$1,135,091	$168,345	$1,029,947	$2,333,382
2001-02	$1,083,369	$165,472	$990,883	$2,239,724	$1,161,083	$177,342	$1,061,963	$2,400,387
2002-03	$1,157,912	$176,245	$1,069,906	$2,404,063	$1,204,958	$183,406	$1,113,376	$2,501,741
2003-04	$1,237,155	$206,963	$1,173,052	$2,617,170	$1,264,356	$211,513	$1,198,844	$2,674,714
2004-05	$1,371,913	$231,243	$1,290,421	$2,893,577	$1,371,913	$231,243	$1,290,421	$2,893,577

	Index of Constant 2004-05 Dollars					
	Academic Ranks	Other Instruction & Research	Non-Academic Staff	Total	FTE Enrolment	Index of FTE Enrolment
1987-88	100.0	100.0	100.0	100.0	221,446	100.0
1988-89	103.2	107.7	103.7	103.6	230,357	104.0
1989-90	105.6	115.1	108.1	107.1	237,752	107.4
1990-91	108.9	123.2	113.0	111.3	246,628	111.4
1991-92	112.6	156.5	113.5	115.3	256,592	115.9
1992-93	113.6	151.3	117.2	117.1	261,380	118.0
1993-94	111.0	152.6	113.5	114.2	259,346	117.1
1994-95	108.0	139.3	115.8	112.8	256,753	115.9
1995-96	103.8	132.4	117.0	110.6	253,545	114.5
1996-97	97.8	137.0	108.9	104.4	249,294	112.6
1997-98	97.6	129.4	108.5	103.7	248,441	112.2
1998-99	97.6	137.5	122.4	109.7	249,984	112.9
1999-00	100.8	143.4	125.6	113.0	257,895	116.5
2000-01	102.7	153.0	127.9	115.5	263,989	119.2
2001-02	105.1	161.2	131.9	118.8	276,278	124.8
2002-03	109.0	166.7	138.2	123.8	298,286	134.7
2003-04	114.4	192.2	148.8	132.4	335,670	151.6
2004-05	124.1	210.2	160.2	143.2	352,835	159.3

Notes: Affiliated and federated colleges included.
Salaries and Wages are for general operating funds.
FTE Enrolment: COU estimate of Fall, eligible + ineligible, undergraduate + graduate, full-time equivalent enrolment (see Appendix A).
Total for "Other Instruction and Research" increased by $6.037m in 1998-99 to correct for a temporary accounting change at one institution. In addition, $7.0m was moved from Academic Ranks to "Other Instruction and Research" in 1999 to correct for an accounting error by one institution.

Starting in 1998-99, universities were required to report salaries and wages without the impact of external cost recoveries.

Sources: Salaries & Wages: COFO-UO, Financial Report of Ontario Universities.
Full-time and part-time enrolment: Ministry of Training, Colleges and Universities.

FIGURE 8.2

SALARIES AND WAGES
COMPARED WITH ENROLMENT
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

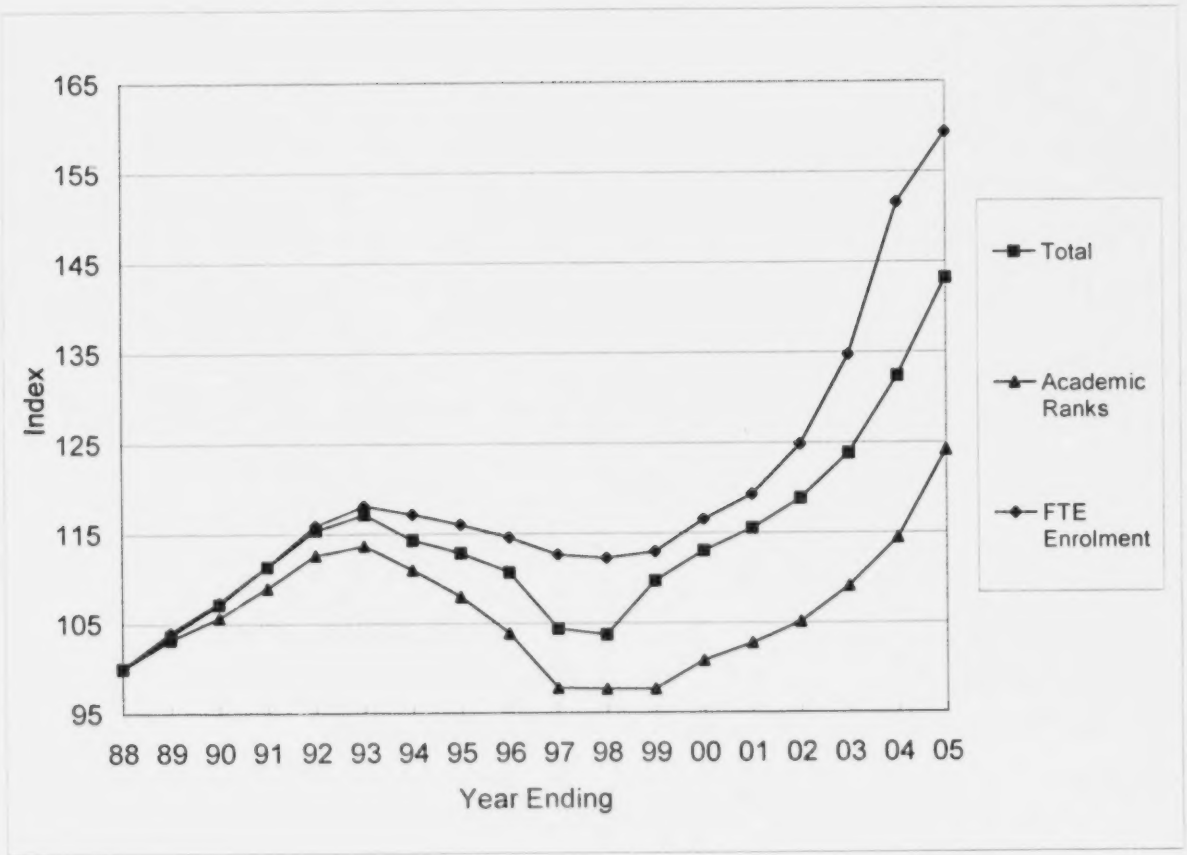


TABLE B.3

EMPLOYEE BENEFIT COSTS
COMPARED TO SALARIES AND WAGES
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Actual $000s																		
Salaries & Wages	$1,296,233	$1,399,147	$1,524,054	$1,664,838	$1,794,632	$1,850,259	$1,830,350	$1,816,181	$1,817,554	$1,741,671	$1,750,717	$1,868,306	$1,973,748	$2,073,967	$2,179,995	$2,341,539	$2,551,426	$2,824,260
Statutory Benefits	$55,857	$58,180	$68,988	$92,054	$109,724	$118,624	$120,403	$123,115	$120,255	$121,242	$111,014	$126,904	$141,805	$150,538	$149,626	$161,653	$187,899	$207,798
Non-Statutory Benefits	$94,679	$101,570	$101,545	$125,761	$157,788	$171,750	$137,641	$146,672	$140,229	$133,905	$125,273	$118,559	$141,872	$157,577	$171,268	$226,992	$282,842	$355,933
Total Benefits	$150,536	$159,750	$170,533	$217,815	$267,512	$290,374	$258,044	$269,787	$260,484	$255,148	$236,287	$245,463	$283,677	$308,115	$320,894	$388,645	$470,741	$563,731
Total Salaries & Benefits	$1,446,769	$1,558,897	$1,694,597	$1,882,653	$2,062,144	$2,140,633	$2,088,394	$2,085,968	$2,078,038	$1,996,819	$1,987,004	$2,113,769	$2,257,425	$2,382,082	$2,500,889	$2,730,184	$3,022,167	$3,387,991
Constant 2004-05 $000s																		
Salaries & Wages	$1,969,458	$2,041,778	$2,111,148	$2,194,718	$2,275,013	$2,305,934	$2,252,048	$2,221,547	$2,178,634	$2,050,466	$2,036,283	$2,151,123	$2,223,567	$2,271,229	$2,336,374	$2,436,676	$2,607,524	$2,824,260
Statutory Benefits	$84,867	$84,902	$95,563	$121,353	$139,095	$147,838	$148,143	$150,594	$144,145	$142,738	$129,122	$146,114	$159,753	$164,856	$160,359	$168,221	$192,030	$207,798
Non-Statutory Benefits	$143,852	$148,221	$140,661	$165,788	$200,024	$214,048	$169,352	$179,409	$168,087	$157,647	$145,707	$136,506	$159,829	$172,565	$183,554	$236,215	$289,061	$355,933
Total Benefits	$228,720	$233,124	$236,224	$287,141	$339,119	$361,886	$317,495	$330,003	$312,232	$300,385	$274,829	$282,620	$319,582	$337,421	$343,913	$404,436	$481,091	$563,731
Total Salaries & Benefits	$2,198,178	$2,274,902	$2,347,372	$2,481,859	$2,614,132	$2,667,820	$2,569,544	$2,551,550	$2,490,867	$2,350,852	$2,311,112	$2,433,743	$2,543,149	$2,608,650	$2,680,287	$2,841,112	$3,088,615	$3,387,991
Percent of Total																		
Salaries & Wages	89.6%	89.8%	89.9%	88.4%	87.0%	86.4%	87.6%	87.1%	87.5%	87.2%	88.1%	88.4%	87.4%	87.1%	87.2%	85.8%	84.4%	83.4%
Statutory Benefits	3.9%	3.7%	4.1%	4.9%	5.3%	5.5%	5.8%	5.9%	5.8%	6.1%	5.6%	6.0%	6.3%	6.3%	6.0%	5.9%	6.2%	6.1%
Non-Statutory Benefits	6.5%	6.5%	6.0%	6.7%	7.7%	8.0%	6.6%	7.0%	6.7%	6.7%	6.3%	5.6%	6.3%	6.6%	6.8%	8.3%	9.4%	10.5%
Total Benefits	10.4%	10.2%	10.1%	11.6%	13.0%	13.6%	12.4%	12.9%	12.5%	12.8%	11.9%	11.6%	12.6%	12.9%	12.8%	14.2%	15.6%	16.6%
Total Salaries & Benefits	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Indices (based on constant 2004-05 dollars)																		
Salaries & Wages	100.0	103.7	107.2	111.4	115.5	117.1	114.3	112.8	110.6	104.1	103.4	109.2	112.9	115.3	118.6	123.7	132.4	143.4
Statutory Benefits	100.0	100.0	112.6	143.0	163.9	174.2	174.6	177.4	169.8	168.2	152.1	172.2	188.2	194.3	189.0	198.2	226.3	244.8
Non-Statutory Benefits	100.0	103.0	97.8	115.2	139.0	148.8	117.7	124.7	116.8	109.6	101.3	94.9	111.1	120.0	127.6	164.2	200.9	247.4
Total Benefits	100.0	101.9	103.3	125.5	148.3	158.2	138.8	144.3	136.5	131.3	120.2	123.6	139.7	147.5	150.4	176.8	210.3	246.5
Total Salaries & Benefits	100.0	103.5	106.8	112.9	118.9	121.4	116.9	116.1	113.3	106.9	105.1	110.7	115.7	118.7	121.9	129.2	140.5	154.1

Notes: Statutory benefits are Employer Health Tax, Canada Pension, Workers Compensation, Employment Insurance.
Non-Statutory benefits are Pension, Group Life Insurance, Long Term Disability, Dental Insurance, Extended Health Care, Tuition Remission, Other.
Affiliated and federated colleges excluded.
Figures are for general operating funds.

Sources: COFO-UO, Financial Report of Ontario Universities.

FIGURE 8.3

EMPLOYEE BENEFIT COSTS
COMPARED WITH SALARIES AND WAGES
ONTARIO UNIVERSITIES
1987-88 TO 2004-05

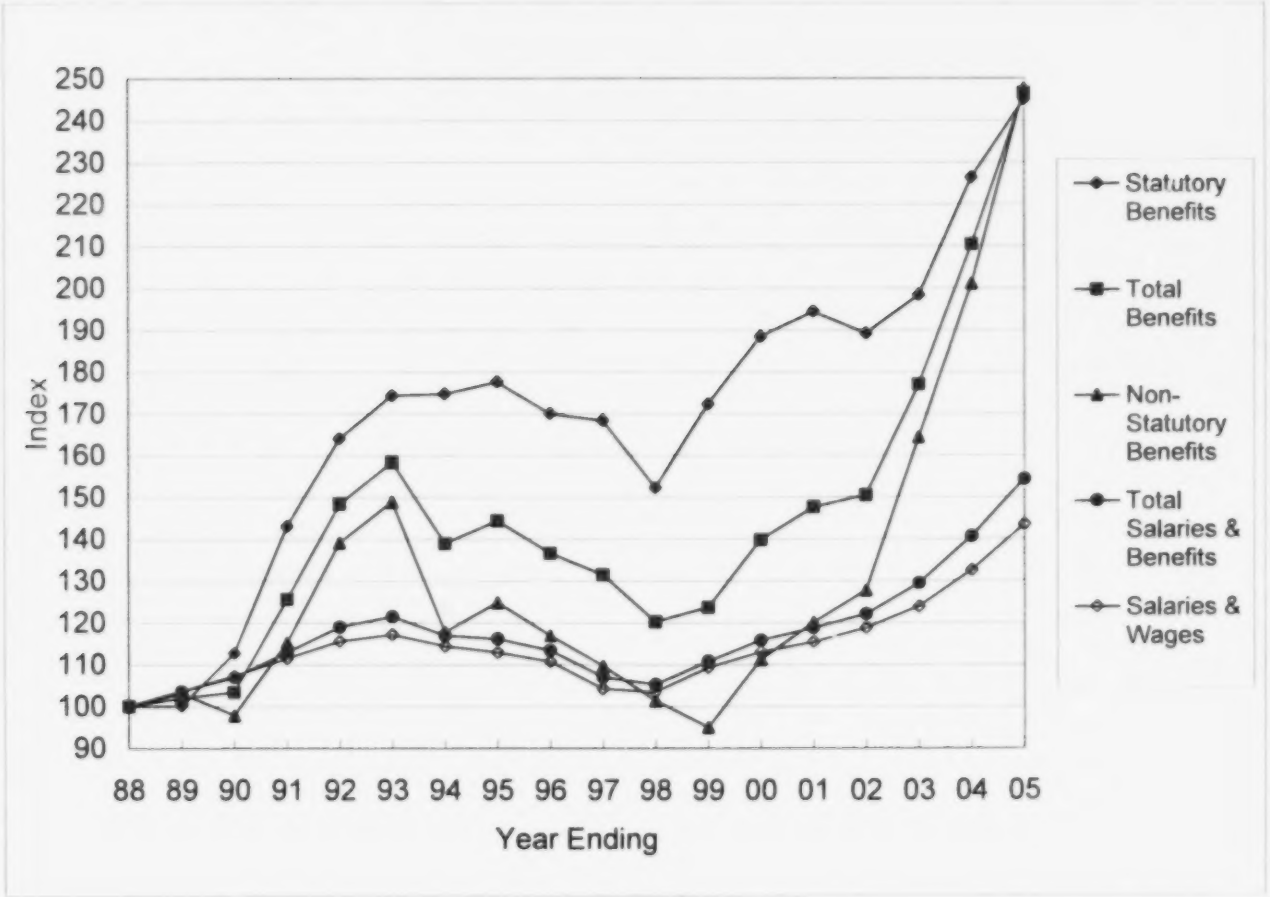


TABLE 8.4

AVERAGE CLASS SIZES FOR ELEMENTARY AND SECONDARY SCHOOLS STUDENT / TEACHER RATIOS FOR COLLEGES AND UNIVERSITIES ONTARIO 1993-94 TO 2004-05

	Elementary Schools		Secondary Schools		Community Colleges		Universities	
	Class Size	Index	Class Size	Index	Student / Faculty	Index	Student / Faculty	Index
1993-94	23.7	100.0	20.9	100.0	15.2	100.0	16.9	100.0
1994-95	24.3	102.5	21.5	102.9	15.8	104.1	17.3	102.1
1995-96	24.6	103.8	21.9	104.8	17.2	113.3	17.3	101.9
1996-97	24.9	105.1	21.4	102.4	19.8	130.2	18.0	106.3
1997-98	24.9	105.1	22.5	107.7	20.9	137.8	18.3	107.9
1998-99	24.4	103.0	21.5	102.9	21.7	142.9	18.2	107.2
1999-00	24.3	102.5	21.4	102.4	21.6	142.1	18.6	110.0
2000-01	24.1	101.7	20.4	97.6	21.5	141.5	18.9	111.7
2001-02	24.2	102.1	21.6	103.3	21.1	138.9	19.4	114.7
2002-03	24.1	101.7	21.7	103.8	22.0	144.6	20.2	119.5
2003-04	23.5	99.2	21.4	102.4	22.4	147.3	22.1	130.6
2004-05	23.1	97.5	21.2	101.4	22.5	148.2	22.5	132.6

Notes:

Elementary & Secondary Schools: Average class size. Special education classes are excluded. Figures are not available before 1989-90 for elementary and before 1993-94 for secondary.
Community Colleges: Full-time post-secondary enrolment / full-time academic employees.
Universities: Full-time enrolment / full-time faculty. Based on the 17 Ontario universities, with OCAD excluded, since full-time faculty counts are not available for OCAD from Statistics Canada. Affiliates included and estimated where unavailable.
See notes to Table 8.5 for details on the methodology for counting full-time faculty.

Indices: Relative to 1993-94, the first year for which all four indicators are available.

Sources:

Elementary & Secondary Schools: Ministry of Education.
Community Colleges: Ministry of Training, Colleges and Universities; Ontario Council of Regents; Association of Colleges of Applied Arts and Technology of Ontario (ACAATO).
Universities: Enrolment from Ministry of Training, Colleges and Universities. Faculty from Statistics Canada.

FIGURE 8.4

AVERAGE CLASS SIZES FOR ELEMENTARY AND SECONDARY SCHOOLS
STUDENT / FACULTY RATIOS FOR COLLEGES AND UNIVERSITIES
ONTARIO
1993-94 TO 2004-05

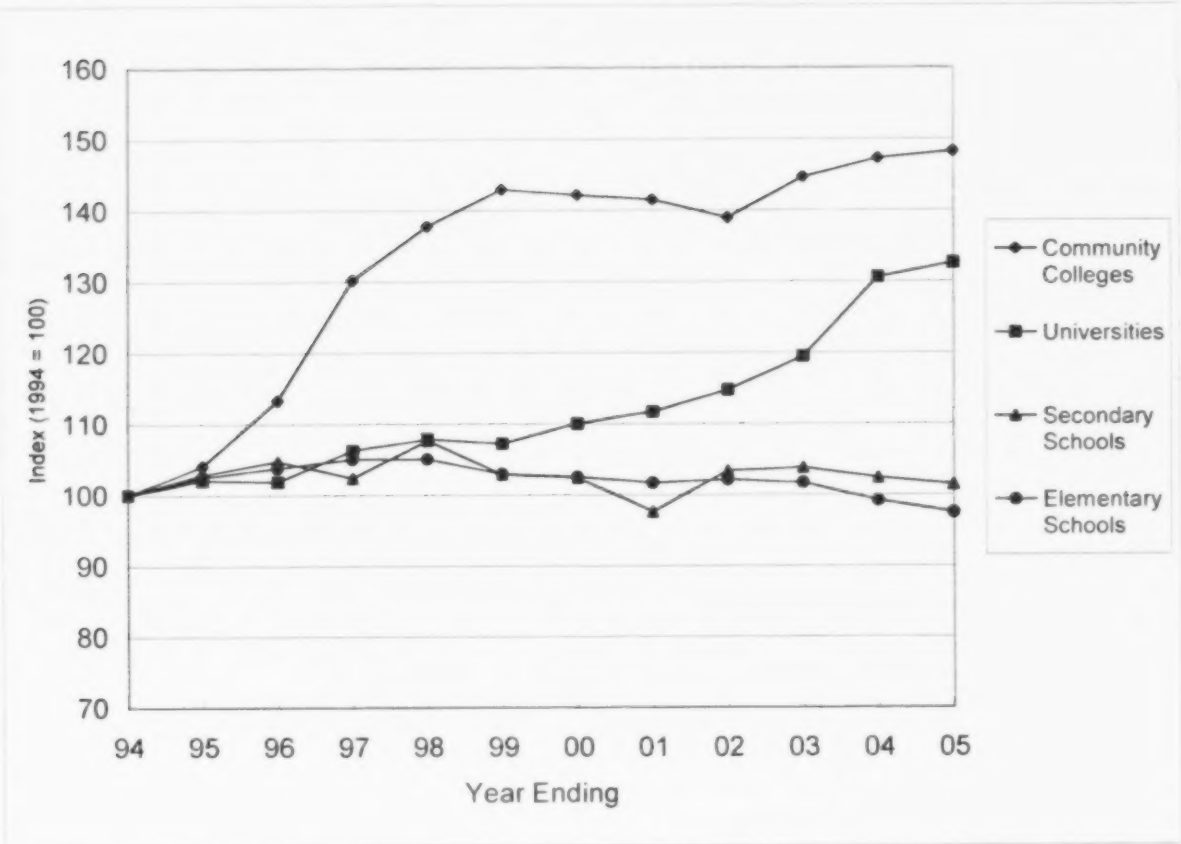


TABLE B.5

FTE ENROLMENT PER FULL-TIME FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 2003-04

		1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Newfoundland	Ratio	13.0	17.2	13.0	13.4	14.3	14.2	15.2	15.6	15.3	16.3	16.6	16.8	18.3	18.1	18.0	18.9	19.4
	Rank	(10)	(10)	(10)	(10)	(10)	(10)	(8)	(8)	(8)	(8)	(8)	(8)	(5)	(7)	(9)	(9)	(9)
P.E.I.	Ratio	15.6	15.7	14.6	15.8	16.9	17.0	14.9	14.0	14.0	12.9	14.5	14.6	14.7	15.4	15.4	15.5	16.5
	Rank	(3)	(3)	(6)	(4)	(4)	(5)	(9)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)
Nova Scotia	Ratio	13.4	13.5	14.1	14.2	15.6	16.1	16.2	16.5	16.7	17.1	17.4	17.3	17.0	18.3	18.9	20.4	20.7
	Rank	(9)	(9)	(9)	(9)	(8)	(7)	(6)	(6)	(6)	(7)	(7)	(7)	(8)	(6)	(6)	(6)	(7)
New Brunswick	Ratio	14.3	14.4	14.7	15.2	16.0	17.4	17.9	18.1	18.1	17.9	17.5	17.5	17.8	21.1	21.5	21.3	22.3
	Rank	(6)	(6)	(5)	(6)	(5)	(4)	(4)	(4)	(5)	(5)	(6)	(6)	(7)	(2)	(2)	(4)	(3)
Quebec	Ratio	19.0	19.3	19.3	19.1	19.2	19.2	19.1	18.7	18.4	18.6	19.6	20.2	20.8	20.7	20.8	21.9	23.0
	Rank	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(3)	(4)	(4)	(4)	(2)	(2)	(3)	(3)	(2)	(2)
Manitoba	Ratio	14.0	14.2	14.3	14.3	14.9	14.5	14.5	15.5	15.2	16.1	16.5	15.7	16.4	17.8	18.9	19.9	21.6
	Rank	(7)	(7)	(8)	(8)	(9)	(9)	(10)	(9)	(9)	(9)	(9)	(9)	(9)	(8)	(6)	(8)	(5)
Saskatchewan	Ratio	15.6	15.5	15.9	16.4	18.0	18.4	18.8	19.1	19.6	19.6	19.8	19.7	19.7	19.7	20.5	21.9	22.0
	Rank	(5)	(4)	(3)	(3)	(3)	(3)	(3)	(2)	(2)	(3)	(2)	(3)	(3)	(4)	(4)	(2)	(4)
Alberta	Ratio	16.4	15.4	15.8	15.8	16.0	16.7	17.3	17.8	19.0	20.6	19.7	19.5	19.4	19.1	18.7	21.1	21.5
	Rank	(4)	(5)	(4)	(4)	(5)	(6)	(5)	(5)	(3)	(2)	(3)	(4)	(4)	(5)	(8)	(5)	(6)
British Columbia	Ratio	13.9	14.2	14.4	14.8	16.0	15.9	16.0	16.2	16.7	17.3	18.0	18.8	18.2	17.8	19.3	20.1	20.0
	Rank	(8)	(7)	(7)	(7)	(5)	(8)	(7)	(7)	(6)	(6)	(5)	(5)	(6)	(8)	(5)	(7)	(8)
9 Provinces	Ratio	16.2	16.3	16.4	16.5	17.2	17.4	17.6	17.6	17.7	18.2	18.7	19.0	19.2	19.4	19.8	21.0	21.6
Ontario	Ratio	16.8	17.1	17.3	17.8	19.0	19.4	19.6	19.9	19.9	21.0	21.1	21.3	21.9	22.0	22.8	23.9	25.9
	Rank	(2)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Canada	Ratio	16.4	16.6	16.8	17.0	17.9	18.2	18.3	18.4	18.5	19.2	19.6	19.8	20.2	20.4	20.9	22.0	23.2

Notes:

Student / faculty ratios are based on a set of 48 "core" universities in Canada: the same 48 universities that are included in Maclean's magazine's annual ranking of Canadian universities.

FTE enrolment = full-time enrolment + part-time enrolment/3.5.

Full-time faculty counts include all teaching ranks, and medical and dental teaching staff. Excluded are part-time teaching staff, senior administrators, staff on leave of absence, visiting professors, and staff not on regular pay scale. A change in the definition of full-time faculty by Statistics Canada in 1991-92 caused the number of full-time faculty to drop by 350 (2.42%) in Ontario and by 994 (2.66%) in Canada in that year. COU estimates of full-time faculty counts are used to compensate for occasional unreported data by specific universities in specific years in order to provide consistent and comparable student / faculty ratios.

Sources:

Enrolment: Statistics Canada.

Full-time faculty counts: Statistics Canada, Salaries and Salary Scales of Full-Time Teaching Staff at Canadian Universities and Colleges.

FIGURE 8.5

FTE ENROLMENT PER FULL-TIME FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 2003-04

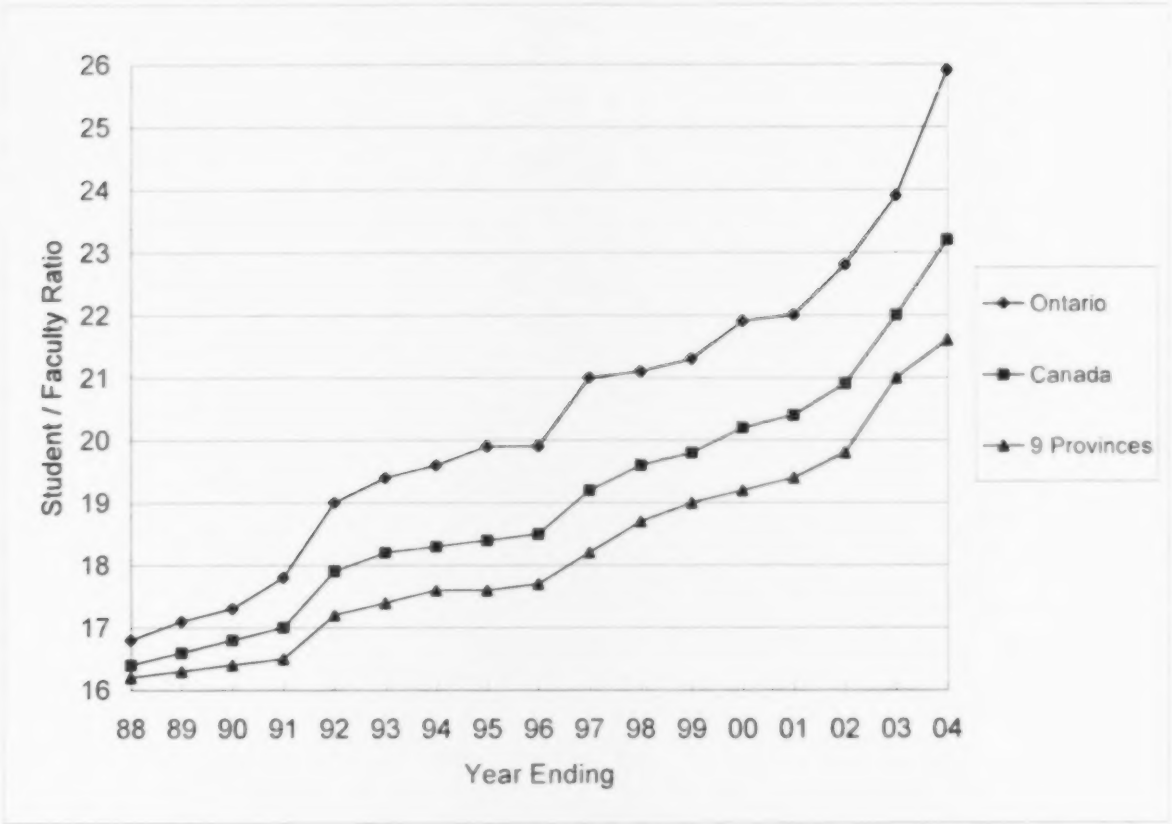


TABLE 8.6

FTE ENROLMENT PER FTE FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 2003-04

		1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04
Newfoundland	Ratio	11.6	10.6	11.7	12.2	12.6	11.3	11.4	12.2	12.6	12.9	13.8	13.8	14.3	14.8	14.2	15.0	15.3
	Rank	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(10)	(9)	(8)	(8)	(7)	(6)	(9)	(9)	(9)
P.E.I.	Ratio	14.8	14.6	13.6	14.5	14.9	15.2	13.6	12.9	12.8	12.3	13.2	12.8	13.4	13.6	13.5	13.0	14.0
	Rank	(4)	(3)	(5)	(4)	(4)	(4)	(9)	(9)	(9)	(10)	(10)	(10)	(10)	(9)	(10)	(10)	(10)
Nova Scotia	Ratio	12.4	12.7	12.9	13.0	13.5	13.6	13.9	13.6	14.0	14.1	13.8	13.4	13.6	13.8	14.7	15.1	15.9
	Rank	(9)	(9)	(9)	(9)	(9)	(9)	(8)	(8)	(7)	(8)	(8)	(9)	(9)	(9)	(6)	(8)	(8)
New Brunswick	Ratio	12.8	13.3	13.5	13.9	14.5	15.6	16.1	15.9	15.8	15.4	15.0	15.4	15.7	15.5	15.8	15.7	16.2
	Rank	(8)	(8)	(7)	(6)	(5)	(3)	(3)	(3)	(4)	(5)	(6)	(5)	(5)	(5)	(6)	(5)	(7)
Quebec	Ratio	15.2	15.2	15.1	14.9	15.1	15.1	15.3	15.2	15.1	15.7	15.8	16.5	17.5	16.8	16.6	15.3	17.0
	Rank	(2)	(2)	(3)	(3)	(3)	(5)	(4)	(5)	(5)	(4)	(4)	(3)	(3)	(4)	(4)	(7)	(5)
Manitoba	Ratio	13.4	13.5	13.5	13.6	13.9	14.0	14.0	14.1	14.8	15.3	14.2	14.0	14.1	14.8	15.4	15.5	17.0
	Rank	(6)	(7)	(7)	(7)	(8)	(7)	(7)	(6)	(6)	(6)	(7)	(7)	(8)	(6)	(7)	(6)	(5)
Saskatchewan	Ratio	15.6	14.2	15.6	16.0	16.6	17.3	17.0	17.3	17.6	18.5	17.7	17.8	17.6	19.8	20.4	21.7	20.0
	Rank	(1)	(4)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(1)	(1)	(1)	(3)
Alberta	Ratio	14.0	13.7	14.0	14.3	14.4	14.7	15.1	15.5	16.3	17.7	16.0	15.8	16.4	17.4	18.1	19.9	20.4
	Rank	(5)	(5)	(4)	(5)	(6)	(6)	(5)	(4)	(3)	(2)	(3)	(4)	(4)	(3)	(3)	(2)	(2)
British Columbia	Ratio	13.2	13.6	13.6	13.6	14.1	14.0	14.3	14.3	13.8	15.2	15.5	15.0	14.6	14.5	15.9	16.8	17.1
	Rank	(7)	(6)	(6)	(7)	(7)	(7)	(6)	(7)	(8)	(7)	(5)	(6)	(6)	(8)	(5)	(4)	(4)
9 Provinces	Ratio	14.1	14.1	14.3	14.3	14.6	14.6	14.8	15.0	15.0	15.7	15.5	15.6	16.0	16.1	16.5	16.4	17.4
Ontario	Ratio	15.0	15.4	15.5	16.0	16.3	16.9	17.0	17.2	17.3	17.5	17.7	18.0	18.5	18.5	18.9	19.6	21.5
	Rank	(3)	(1)	(2)	(1)	(2)	(2)	(1)	(2)	(2)	(3)	(1)	(1)	(1)	(2)	(2)	(3)	(1)
Canada	Ratio	14.5	14.6	14.7	14.9	15.2	15.5	15.6	15.8	15.8	16.4	16.3	16.4	16.9	17.0	17.4	17.5	18.9

Notes

Student/faculty ratios are based on aset of 48 "core" universities in Canada, the same 48 universities that are included in Maclean's magazine's annual ranking of Canadian universities.

FTE enrolment = full-time enrolment + part-time enrolment/3.5.

FTE faculty cannot be obtained directly due to lack of data on part-time faculty. Rather, FTE faculty are estimated according to the equation: FTE faculty = total academic ranks salaries + total instruction & research salaries / average salary of full-time faculty. Average salaries are based on theset of full-time faculty that includes all teaching ranks, and medical and dental teaching staff. Excluded are part-time teaching staff, senior administrators, staff on leave of absence, visiting professors, and staff not on regular pay scale. COU estimates of average salaries are used to compensate for occasional unreported data by specific universities in specific years in order to provide consistent and comparable student/faculty ratios

- no faculty data for 2000-01, so interpolated from 1999-00 and 2001-02

- for institutions that have no average faculty salary data in 2001-02, used 1999-00 total salary data to match 99-00 average salaries

-some institutions did not have "all ranks combined" average salary in 2001-02. Computed average from ranks that reported.

Sources

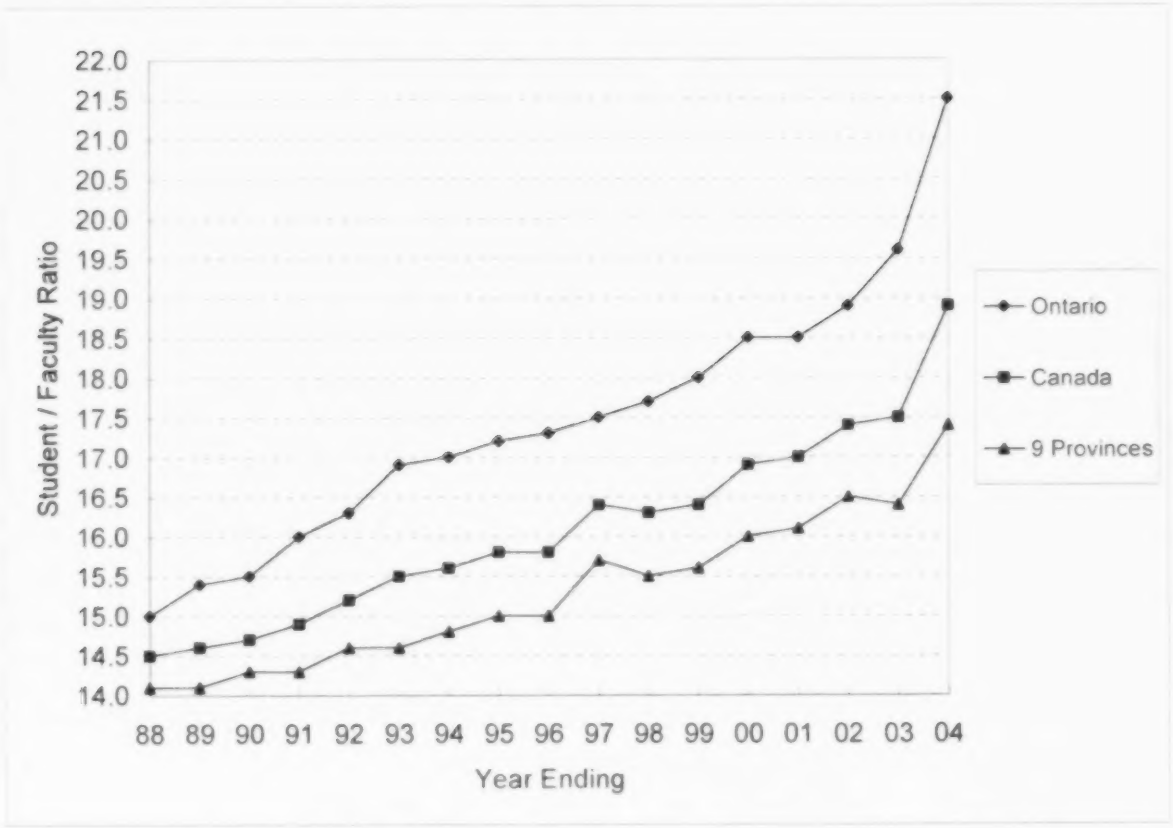
Enrolment: Statistics Canada

Full-time faculty average salaries: Statistics Canada, Salaries and Salary Scales of Full-Time Teaching Staff at Canadian Universities and Colleges

Total faculty salaries: Statistics Canada, Canadian Association of University Business Officers, Financial Statistics of Universities and Colleges

FIGURE 8.6

FTE ENROLMENT PER FTE FACULTY
CANADIAN UNIVERSITIES
PROVINCIAL COMPARISON
1987-88 TO 2003-04



Section 9

Education and Employment

TABLE 9.1

UNEMPLOYMENT RATE
BY EDUCATIONAL ATTAINMENT
CANADA, ONTARIO, OTHER 9 PROVINCES
1990 TO 2005

	Educational Attainment	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Canada	0 - 8 years	12.5%	15.3%	15.8%	16.8%	15.7%	15.0%	14.9%	15.1%	13.9%	12.8%	12.7%	13.5%	13.6%	14.0%	12.4%	12.9%
	Some high school	12.2%	15.3%	17.3%	17.0%	16.2%	15.0%	15.5%	15.8%	14.5%	13.5%	12.5%	12.9%	14.0%	13.7%	13.5%	12.5%
	High school graduate	7.7%	10.3%	10.7%	11.5%	9.9%	9.4%	9.6%	8.7%	8.2%	7.5%	6.6%	6.9%	7.4%	7.3%	7.0%	6.7%
	Some post-secondary	8.0%	10.2%	11.1%	11.6%	10.6%	9.9%	10.1%	10.2%	9.4%	8.5%	7.8%	8.0%	8.8%	8.6%	8.3%	8.2%
	Post-secondary certificate or diploma	6.4%	8.2%	9.3%	9.6%	8.9%	7.9%	8.1%	7.4%	6.5%	5.9%	5.2%	5.8%	5.9%	5.8%	5.6%	5.3%
	University degree	3.8%	5.0%	5.5%	5.9%	5.4%	4.9%	5.2%	4.8%	4.4%	4.3%	3.9%	4.6%	5.0%	5.4%	4.9%	4.6%
	Bachelor's degree	4.3%	5.6%	6.1%	6.6%	6.2%	5.5%	5.6%	5.3%	4.6%	4.5%	4.1%	4.8%	5.4%	5.6%	5.3%	4.8%
	Graduate degree	2.5%	3.6%	4.1%	4.3%	3.8%	3.8%	4.4%	3.9%	3.8%	3.7%	3.4%	4.0%	4.2%	4.9%	4.0%	4.3%
	Total Labour Force	8.1%	10.3%	11.2%	11.4%	10.4%	9.4%	9.6%	9.1%	8.3%	7.6%	6.8%	7.2%	7.7%	7.6%	7.2%	6.8%
Ontario	0 - 8 years	8.1%	13.5%	12.8%	13.1%	11.3%	11.6%	11.2%	9.7%	10.2%	7.8%	7.1%	8.3%	9.5%	8.9%	8.3%	8.8%
	Some high school	9.8%	14.5%	17.1%	16.4%	15.5%	14.8%	14.8%	15.4%	13.3%	12.6%	10.7%	11.3%	13.5%	13.8%	13.4%	13.2%
	High school graduate	6.0%	9.9%	10.3%	12.0%	9.6%	9.4%	9.5%	8.6%	7.5%	6.1%	5.7%	6.3%	7.0%	7.0%	6.8%	6.9%
	Some post-secondary	6.4%	9.9%	11.0%	12.0%	10.6%	9.0%	10.2%	10.0%	8.2%	7.7%	7.0%	6.9%	8.2%	7.8%	8.2%	8.7%
	Post-secondary certificate or diploma	4.7%	7.1%	9.1%	9.0%	8.5%	6.9%	7.3%	6.6%	5.3%	4.6%	4.3%	4.9%	5.3%	4.8%	5.1%	4.9%
	University degree	2.7%	4.6%	5.2%	5.3%	4.8%	4.3%	5.1%	4.5%	4.1%	3.7%	3.9%	4.9%	5.4%	5.5%	4.9%	4.6%
	Bachelor's degree	3.0%	5.4%	5.7%	6.2%	5.8%	4.8%	5.4%	5.0%	4.1%	3.9%	4.0%	5.2%	5.9%	5.7%	5.2%	4.9%
	Graduate degree	1.9%	3.0%	4.3%	3.7%	3.2%	3.6%	4.4%	3.8%	3.9%	3.4%	3.8%	4.2%	4.6%	5.2%	4.2%	3.9%
	Total Labour Force	6.2%	9.5%	10.7%	10.9%	9.6%	8.7%	9.0%	8.4%	7.2%	6.3%	5.8%	6.3%	7.1%	7.0%	6.8%	6.6%
9 Provinces	0 - 8 years	14.6%	18.1%	17.2%	18.5%	17.7%	16.5%	16.6%	17.8%	15.6%	15.1%	15.2%	15.7%	15.2%	16.4%	14.4%	15.0%
	Some high school	13.8%	15.9%	17.4%	17.4%	16.6%	15.0%	15.9%	16.0%	15.3%	14.1%	13.7%	14.0%	14.3%	13.7%	13.5%	12.1%
	High school graduate	8.8%	10.6%	11.0%	11.2%	10.2%	9.4%	9.7%	8.7%	8.7%	8.4%	7.3%	7.3%	7.7%	7.6%	7.2%	6.5%
	Some post-secondary	9.1%	10.3%	11.2%	11.4%	10.7%	10.5%	10.1%	10.3%	10.1%	9.0%	8.3%	8.7%	9.1%	9.0%	8.3%	7.9%
	Post-secondary certificate or diploma	7.2%	8.7%	9.4%	9.9%	9.1%	8.4%	8.5%	7.8%	7.2%	6.6%	5.7%	6.3%	6.3%	6.4%	5.9%	5.6%
	University degree	4.6%	5.3%	5.7%	6.3%	5.9%	5.4%	5.3%	5.0%	4.6%	4.7%	3.8%	4.4%	4.7%	5.3%	4.9%	4.6%
	Bachelor's degree	5.3%	5.8%	6.4%	6.8%	6.5%	5.9%	5.7%	5.4%	5.0%	5.0%	4.1%	4.6%	5.1%	5.6%	5.3%	4.7%
	Graduate degree	3.1%	4.1%	3.9%	4.9%	4.4%	4.0%	4.5%	3.9%	3.8%	4.0%	3.1%	3.8%	3.9%	4.6%	3.9%	4.6%
	Total Labour Force	9.4%	10.8%	11.4%	11.7%	10.8%	9.9%	10.0%	9.5%	9.0%	8.4%	7.5%	7.8%	8.0%	8.0%	7.5%	6.9%

Notes: Unemployment rate for a particular group is the number of unemployed persons in the group expressed as a percentage of the labour force of the group. Rate is based on annual average for those age 15+. Educational attainment is highest level of schooling completed.

Source: Statistics Canada, Labour Force Historical Review, 2005, Table 02AN.

FIGURE 9.1

UNEMPLOYMENT RATE
BY EDUCATIONAL ATTAINMENT
ONTARIO
1990 TO 2005

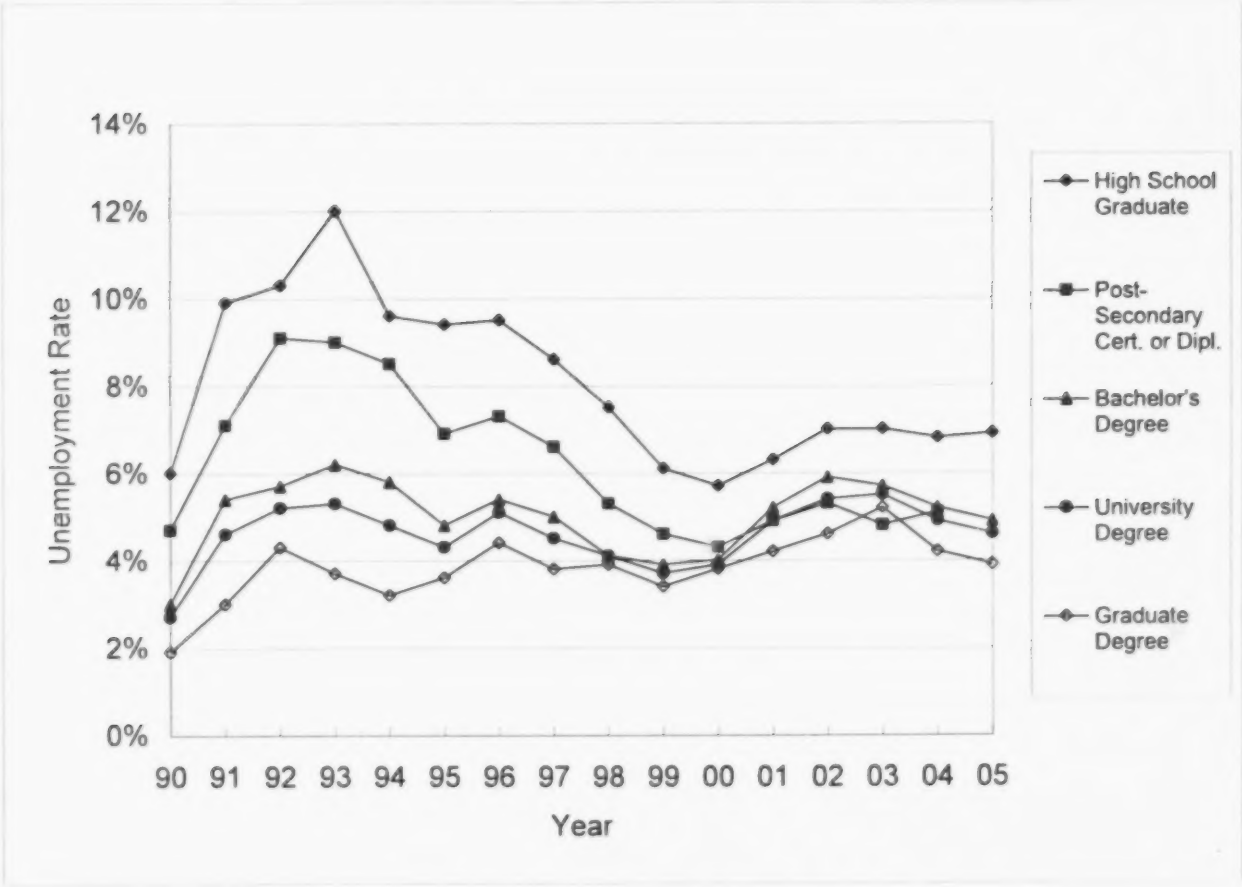


FIGURE 9.1a

UNEMPLOYMENT RATE
BY EDUCATIONAL ATTAINMENT
CANADA
1990 TO 2004

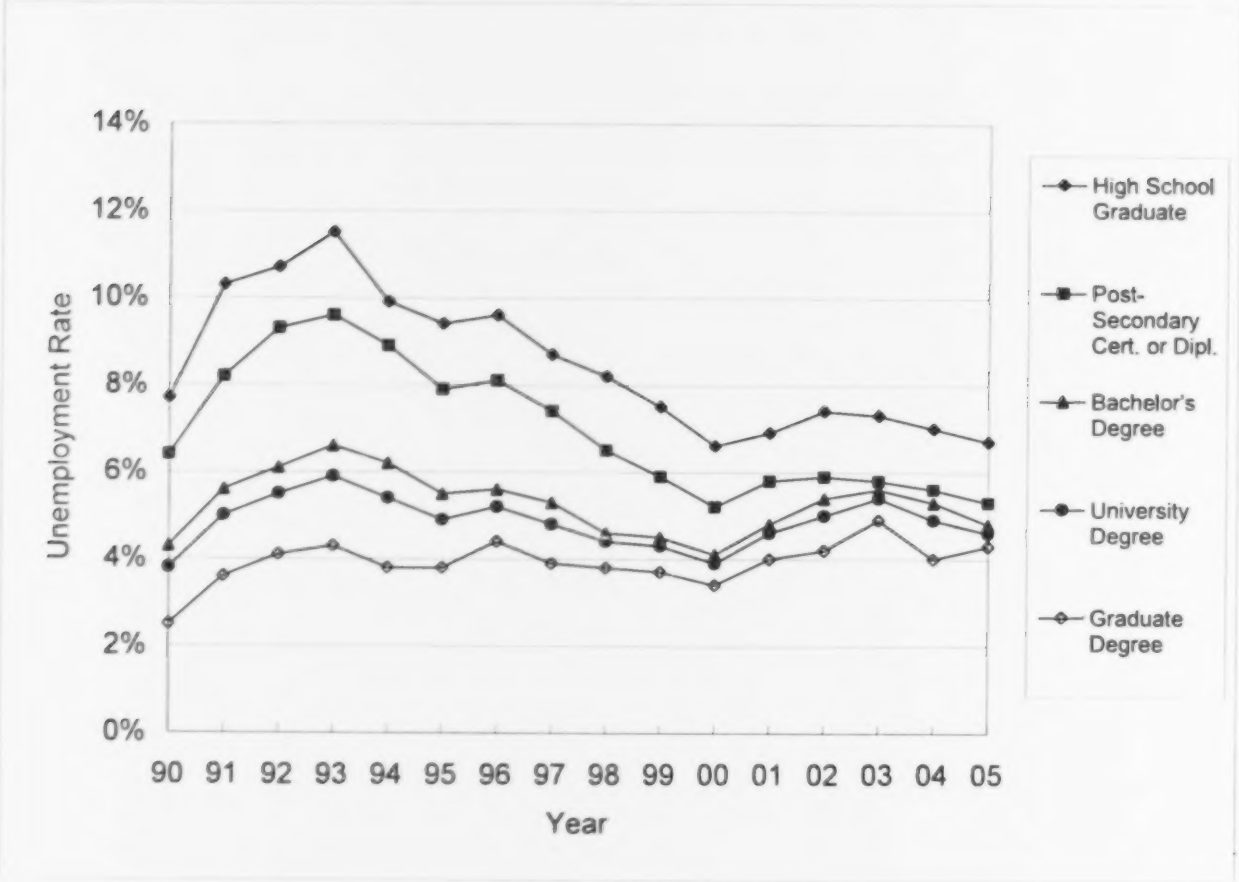


FIGURE 9.1b

UNEMPLOYMENT RATE
BY EDUCATIONAL ATTAINMENT
9 PROVINCES
1990 TO 2004

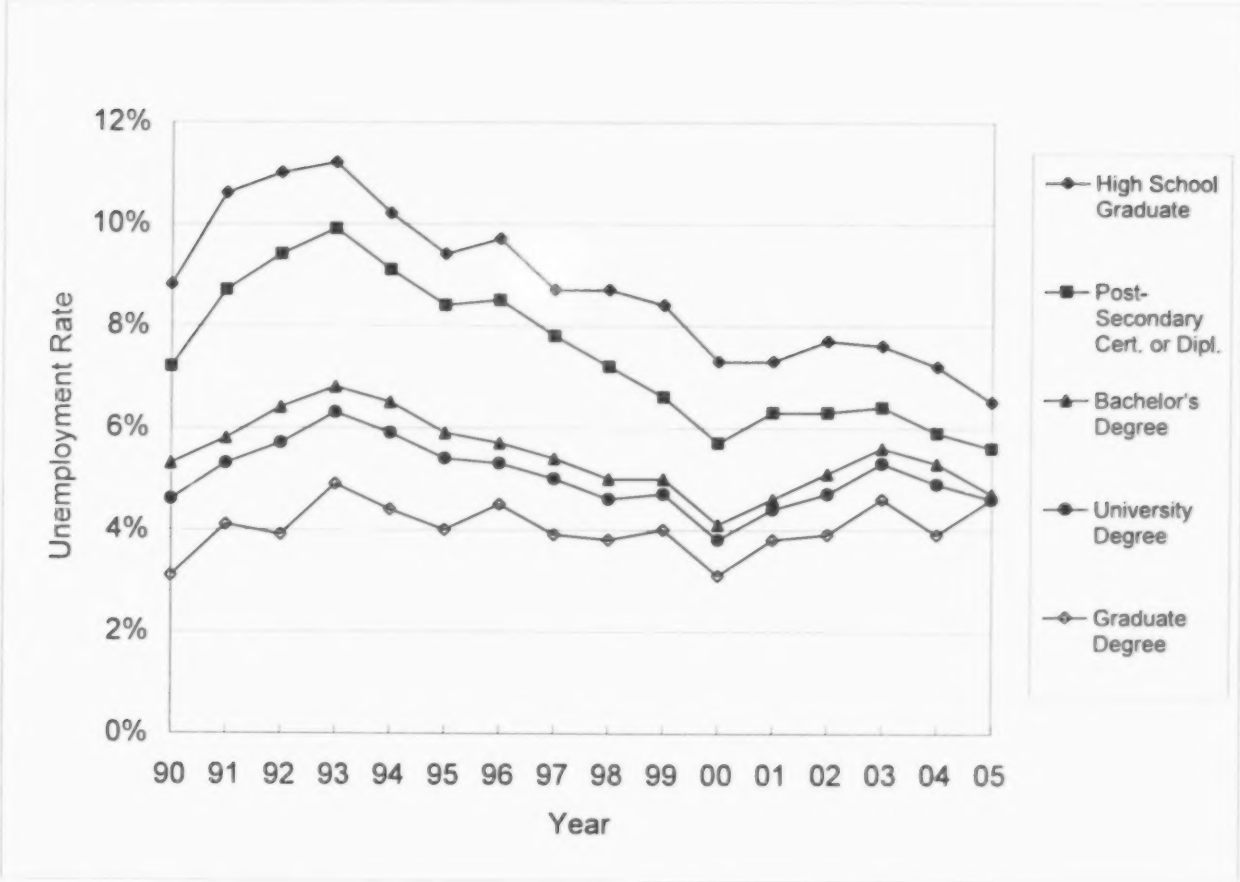


TABLE 9.2

PERCENT OF TOTAL EMPLOYMENT
BY EDUCATIONAL ATTAINMENT
ONTARIO AND CANADA
1990 TO 2005

	Educational Attainment	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Canada	No University Degree	84.5%	83.7%	82.6%	81.3%	80.8%	80.7%	80.7%	80.3%	80.0%	79.7%	79.0%	78.6%	78.3%	77.8%	77.6%	76.4%
	0 - 8 years	7.6%	7.0%	6.6%	5.7%	5.8%	5.3%	4.9%	4.6%	4.4%	4.1%	3.7%	3.3%	3.2%	3.2%	3.1%	2.8%
	Some high school	16.9%	16.1%	14.9%	14.1%	13.8%	13.2%	12.8%	12.1%	11.9%	11.6%	11.0%	10.6%	10.2%	9.6%	9.3%	8.9%
	High school graduate	23.4%	23.4%	23.8%	23.6%	22.2%	21.8%	22.0%	20.9%	20.9%	21.2%	21.6%	21.3%	21.3%	20.6%	20.8%	21.1%
	Some post-secondary	9.1%	9.2%	9.1%	8.8%	8.3%	8.5%	8.5%	8.7%	8.5%	8.4%	8.7%	8.4%	8.3%	8.7%	8.7%	7.5%
	Post-secondary certificate or diploma	27.4%	27.9%	28.3%	29.1%	30.8%	31.9%	32.5%	34.1%	34.4%	34.4%	34.0%	35.0%	35.3%	35.7%	35.8%	36.1%
	University degree	15.5%	16.3%	17.4%	18.7%	19.2%	19.3%	19.3%	19.7%	20.0%	20.3%	21.0%	21.4%	21.7%	22.2%	22.4%	23.6%
	Bachelor's degree	10.5%	11.0%	11.7%	12.7%	12.6%	13.0%	12.9%	13.2%	13.7%	13.7%	14.0%	14.4%	14.9%	15.2%	15.6%	16.2%
	Graduate degree	5.0%	5.3%	5.6%	6.1%	6.5%	6.3%	6.4%	6.5%	6.3%	6.6%	7.0%	7.0%	6.9%	7.0%	6.8%	7.4%
Ontario	No University Degree	82.5%	81.0%	80.3%	78.8%	78.0%	78.2%	78.3%	78.0%	77.9%	77.2%	76.2%	76.0%	75.4%	74.8%	74.6%	73.7%
	0 - 8 years	6.4%	5.6%	5.5%	4.8%	5.2%	4.4%	4.2%	4.1%	3.8%	3.5%	3.1%	2.7%	2.5%	2.7%	2.6%	2.5%
	Some high school	17.5%	16.7%	15.4%	14.4%	13.3%	12.3%	12.5%	11.4%	11.3%	10.6%	10.1%	9.6%	9.1%	8.6%	8.3%	8.0%
	High school graduate	23.8%	23.4%	24.0%	24.0%	22.8%	22.7%	22.9%	21.4%	21.9%	22.3%	22.4%	22.7%	22.6%	21.4%	21.6%	21.7%
	Some post-secondary	9.5%	9.5%	9.4%	8.9%	8.7%	9.3%	8.8%	8.9%	8.8%	8.6%	8.9%	8.1%	8.3%	8.7%	8.8%	7.1%
	Post-secondary certificate or diploma	25.4%	25.8%	26.0%	26.8%	28.0%	29.4%	29.9%	32.2%	32.1%	32.2%	31.7%	32.9%	32.9%	33.4%	33.3%	34.4%
	University degree	17.5%	19.0%	19.7%	21.2%	22.0%	21.8%	21.7%	22.0%	22.1%	22.8%	23.8%	24.0%	24.6%	25.2%	25.4%	26.3%
	Bachelor's degree	11.6%	12.4%	12.5%	13.3%	13.8%	14.0%	13.7%	13.9%	14.4%	14.7%	15.5%	15.3%	16.2%	16.8%	17.3%	17.1%
	Graduate degree	5.9%	6.6%	7.2%	7.8%	8.2%	7.8%	8.0%	8.0%	7.7%	8.1%	8.3%	8.6%	8.4%	8.3%	8.1%	9.2%
9 Provinces	No University Degree	85.7%	85.4%	84.1%	82.8%	82.6%	82.2%	82.2%	81.8%	81.3%	81.3%	80.8%	80.3%	80.1%	79.8%	79.6%	78.2%
	0 - 8 years	8.5%	7.9%	7.3%	6.2%	6.2%	5.8%	5.4%	4.9%	4.7%	4.4%	4.1%	3.7%	3.7%	3.5%	3.4%	3.0%
	Some high school	16.5%	15.7%	14.6%	13.9%	14.0%	13.8%	13.0%	12.5%	12.2%	12.3%	11.6%	11.2%	10.8%	10.3%	10.0%	9.5%
	High school graduate	23.2%	23.4%	23.6%	23.3%	21.8%	21.3%	21.5%	20.5%	20.2%	20.5%	21.1%	20.3%	20.3%	20.0%	20.3%	20.7%
	Some post-secondary	8.8%	9.1%	8.9%	8.8%	8.1%	8.0%	8.3%	8.6%	8.4%	8.2%	8.6%	8.7%	8.4%	8.7%	8.6%	7.8%
	Post-secondary certificate or diploma	28.7%	29.3%	29.7%	30.5%	32.5%	33.4%	34.1%	35.3%	35.8%	35.8%	35.4%	36.4%	36.8%	37.3%	37.3%	37.2%
	University degree	14.3%	14.6%	15.9%	17.2%	17.4%	17.8%	17.8%	18.2%	18.7%	18.7%	19.2%	19.7%	19.9%	20.2%	20.4%	21.8%
	Bachelor's degree	9.9%	10.2%	11.2%	12.2%	11.9%	12.4%	12.4%	12.7%	13.2%	13.0%	13.1%	13.8%	14.0%	14.1%	14.4%	15.6%
	Graduate degree	4.4%	4.4%	4.7%	5.0%	5.5%	5.4%	5.4%	5.5%	5.5%	5.7%	6.1%	5.9%	5.9%	6.0%	6.0%	6.2%

Notes: Employment figures are based on annual average, full-time employment for those age 15+.
Educational Attainment is highest level of schooling completed.

Source: Statistics Canada, Labour Force Historical Review, 2005, Table 02AN.

FIGURE 9.2

PERCENT OF TOTAL EMPLOYMENT
BY EDUCATIONAL ATTAINMENT
ONTARIO
1990 TO 2005

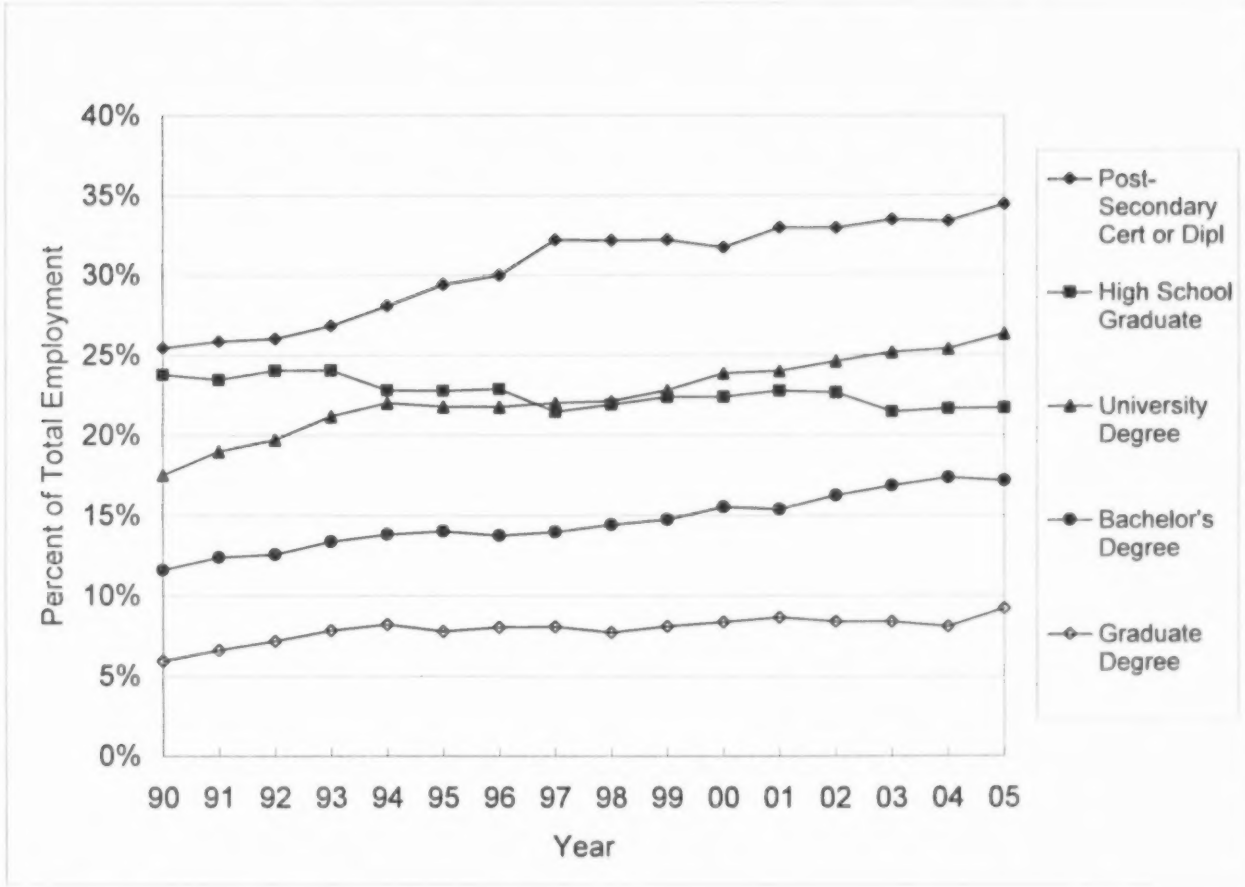


TABLE 9.3

AVERAGE PERSONAL INCOME
BY EDUCATIONAL ATTAINMENT AND AGE
ONTARIO AND CANADA
2000

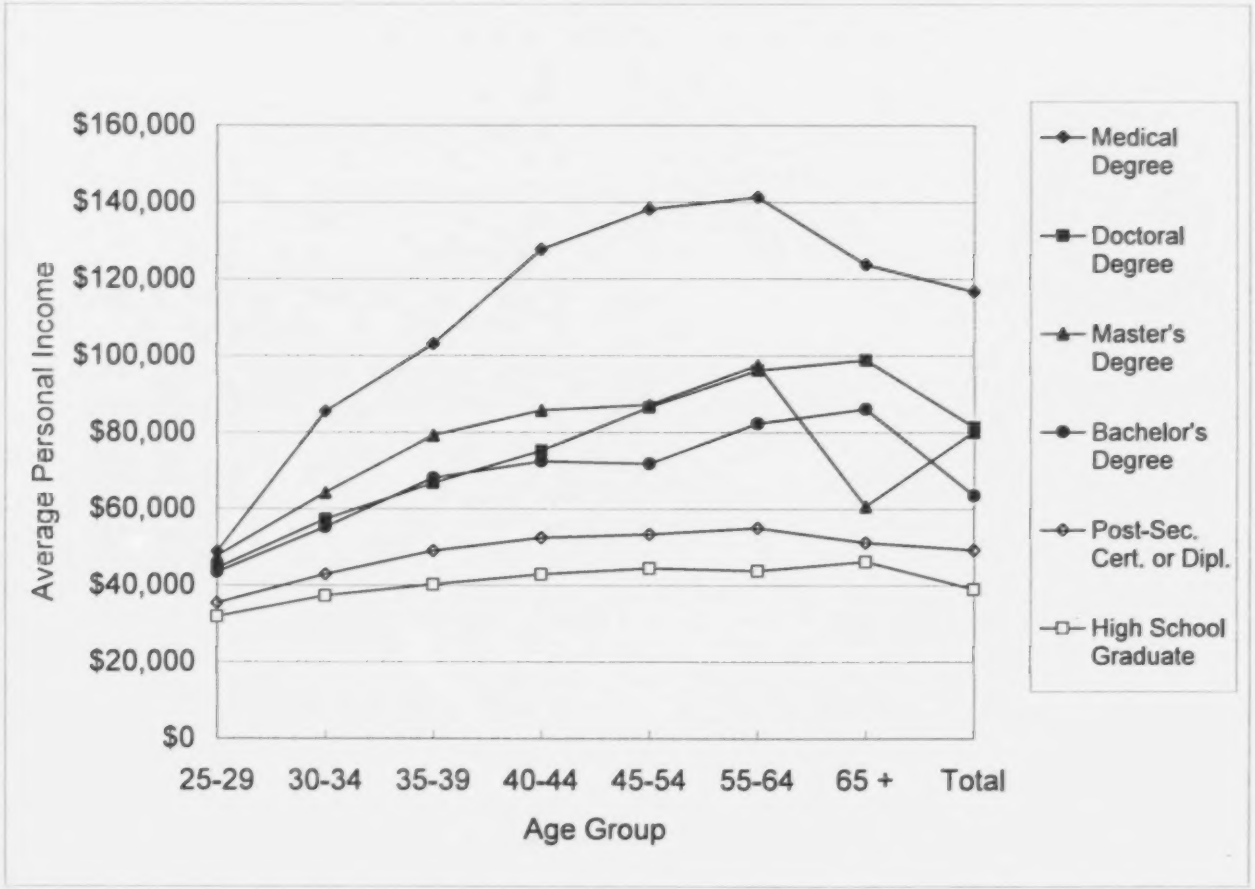
Educational Attainment	Age 15-19	20-24	25-29	30-34	35-39	40-44	45-54	55-64	65 +	Total
Canada										
No degree, certificate or diploma	$15,513	$20,883	$27,332	$30,569	$33,188	$34,571	$35,404	$34,579	$28,114	$32,479
High school graduation certificate	$14,610	$21,416	$29,995	$34,921	$37,386	$39,716	$41,277	$40,748	$41,158	$36,374
Trades certificate or diploma	$15,286	$23,970	$32,084	$36,988	$40,478	$42,610	$44,024	$43,078	$35,865	$40,015
College certificate or diploma	$18,946	$24,263	$32,561	$38,642	$43,700	$45,893	$47,056	$46,001	$39,044	$41,810
University certificate or diploma below bachelor level	$19,750	$24,550	$33,376	$39,953	$45,232	$48,497	$49,471	$49,923	$41,918	$45,667
University degree	-	$28,120	$40,952	$52,935	$63,937	$70,432	$71,716	$78,713	$79,088	$63,194
Bachelor's degree	$40,140	$28,295	$40,510	$50,659	$61,187	$65,878	$66,461	$72,449	$72,583	$58,148
University certificate above bachelor level	$41,123	$26,583	$40,153	$51,281	$61,354	$68,191	$69,076	$72,729	$75,290	$62,123
Medical degree		-	$48,902	$82,664	$103,701	$122,111	$127,204	$129,960	$120,260	$109,616
Master's degree		$25,888	$43,892	$59,640	$70,760	$78,837	$78,030	$81,024	$57,407	$72,335
Earned doctorate		-	$41,298	$56,739	$64,285	$71,541	$81,940	$89,412	$99,445	$77,399
Total		$22,743	$33,561	$40,518	$44,788	$46,871	$48,677	$47,236	$40,611	$43,298
Ontario										
No degree, certificate or diploma	$15,025	$22,268	$29,137	$32,912	$35,759	$36,815	$38,238	$38,027	$35,066	$35,366
High school graduation certificate	$16,540	$22,628	$31,762	$37,234	$40,172	$42,890	$44,455	$43,750	$46,116	$38,986
Trades certificate or diploma	$24,839	$26,215	$34,375	$40,820	$44,061	$46,039	$47,402	$46,514	$40,571	$43,733
College certificate or diploma	$24,103	$25,585	$34,318	$40,895	$46,683	$48,943	$50,016	$49,639	$46,315	$44,655
University certificate or diploma below bachelor level		$25,550	$35,313	$42,890	$48,920	$52,363	$53,223	$54,922	$51,092	$49,137
University degree		$29,386	$43,621	$57,045	$70,501	$76,476	$78,065	$88,720	$86,735	$68,591
Bachelor's degree		$29,547	$43,376	$55,126	$67,972	$72,319	$71,771	$82,221	$86,024	$63,395
University certificate above bachelor level		$26,828	$41,270	$52,467	$65,589	$70,973	$74,049	$72,440	$76,116	$63,789
Medical degree		-	$48,674	$85,315	$103,033	$127,638	$138,107	$141,213	$123,668	$116,582
Master's degree		$30,723	$47,579	$64,190	$79,169	$85,707	$87,108	$97,466	$60,578	$80,143
Earned doctorate		-	$44,439	$57,215	$66,677	$75,210	$86,467	$96,123	$98,817	$81,273
Total	$16,715	$24,105		$43,900	$49,129	$51,192	$53,025	$52,106	$48,148	$47,299
Rest of Canada (without Ontario)										
No degree, certificate or diploma	$14,405	$20,190	$26,287	$29,031	$31,536	$33,211	$33,606	$32,179	$23,766	$30,667
High school graduation certificate	$14,604	$20,600	$28,538	$33,050	$35,255	$37,563	$39,180	$38,691	$37,358	$34,514
Trades certificate or diploma	$17,511	$23,176	$31,056	$34,988	$38,476	$40,815	$42,223	$40,746	$32,298	$38,036
College certificate or diploma	$17,903	$23,485	$31,224	$36,906	$41,349	$43,657	$44,895	$43,044	$32,707	$39,684
University certificate or diploma below bachelor level		$24,034	$32,330	$38,492	$43,496	$46,706	$47,895	$47,260	$36,307	$44,035
University degree		$27,193	$38,655	$49,461	$58,482	$65,686	$67,026	$71,311	$72,608	$58,914
Bachelor's degree		$27,436	$38,226	$47,215	$56,005	$61,185	$62,778	$65,179	$61,110	$54,247
University certificate above bachelor level		$26,132	$38,285	$49,656	$56,410	$65,234	$64,584	$72,932	$74,692	$60,346
Medical degree			$49,020	$80,526	$104,166	$118,295	$119,321	$121,662	$116,348	$104,605
Master's degree			$40,236	$55,078	$62,353	$72,849	$70,953	$68,901	$54,567	$65,600
Earned doctorate			$38,746	$56,350	$62,304	$68,575	$78,452	$84,257	$99,847	$74,362
Total	$14,907	$21,959	$31,846	$38,025	$41,655	$44,004	$45,829	$43,786	$35,211	$40,562

Notes: Educational attainment is highest level of schooling completed. Salary figures are based on full-year, full-time workers age 15+.
For privacy reasons, Statistics Canada suppresses data in many regions. The rest of Canada was calculated by multiplying the count of full-time workers by mean incomes, subtracting Ontario data from Canada, and recomputing average incomes from the result.

Source: 2000 Canada Census. See Statistics Canada, catalogue no. 97F0020XCB01043

FIGURE 9.3

AVERAGE PERSONAL INCOME
BY EDUCATIONAL ATTAINMENT AND AGE
ONTARIO
2000



Appendices

APPENDIX A

NOTES ON ENROLMENT

The intent of this *Resource Document* is to examine the university enterprise from a global perspective. Therefore, all enrolment figures are based on total fall term undergraduate plus graduate enrolment, regardless of whether the students are eligible or ineligible for Ontario government formula-funding.

Ontario-Only Tables

- The source of full-time and part-time enrolment figures is the Ontario Ministry of Training, Colleges and Universities (MTCU).
- **Table 8.4** uses full-time enrolment.
- **Tables 1.2, 3.1, 6.2, 7.1, 8.1 and 8.2** use FTE enrolment, calculated according to equation #1:

  FTE enrolment = full-time enrolment + (part-time enrolment / 3.5).

- **Tables 1.2, 3.1, 6.2, 7.1, and 8.2** are based on Ontario's 17 universities, the Ontario College of Art and Design (OCAD), and Dominicain College. OCAD and Dominicain receive government support from the Universities Branch of MTCU.
- **Tables 8.1 and 8.4** are based solely on Ontario's 17 universities. OCAD and Dominicain are excluded because these tables include counts of full-time faculty, and Statistics Canada does not collect such counts for OCAD and Dominicain.

Comparisons with Other Provinces

- The source of full-time and part-time enrolment figures is Statistics Canada.
- **Tables 7.3, 8.5 and 8.6** use FTE enrolment calculated according to equation #1.
- For **Table 7.3**, enrolment figures are standard provincial totals published by Statistics Canada. Statistics Canada's standard provincial total for Ontario is based on the 17 universities, Dominicain College, the Royal Military College, Redeemer College, and the Ontario Bible College and Theological Seminary. OCAD is excluded.
- For **Tables 8.5 and 8.6**, enrolment figures are based on a set of 48 "core" universities in Canada, the same 48 universities that are included in Maclean's

magazine's annual ranking of Canadian universities. This set of universities is considered to be appropriate for the calculation and comparison of student/faculty ratios, the focus of these two tables. For Ontario, only the 17 universities are included in the "core" set.

- **Table 2.3** – FTE enrolment figures prior to 1990-91 are taken from the annual reports of the Tripartite (MTCU, COU, OCUA) Committee on Interprovincial Comparisons of University Financing. The original source for the Committee's data was Statistics Canada. The data represents eligible and ineligible fall term enrolment, and FTE enrolment is calculated according to equation #1. Adjustments have been made to Statistics Canada's standard provincial totals for college-to-university transfer students and for interprovincial transfer students. Interprovincial transfer students are those who are registered in a program at an out-of-province university but are funded by their home province's government. Enrolment figures correspond to the set of universities used for Table 7.3. For the methodology used to calculate FTE enrolment commencing in 1990-91, see Appendix B.

- **Table 3.2** – FTE enrolment is derived the same way as in Table 2.3, with the exception that the adjustment for interprovincial transfer students is not done. Enrolment figures correspond to the set of universities used for Table 7.3. For the methodology used to calculate FTE enrolment commencing in 1990-91, see Appendix C.

APPENDIX B

METHODOLOGY FOR ESTIMATING EACH PROVINCE'S UNIVERSITY OPERATING GRANTS PER FTE STUDENT

1989-90 and Before: Actual "Net Total Operating Grants" were divided by actual "Net Total Enrolment". These data were derived from the report of the Tripartite Committee on Interprovincial Comparisons, April 1992, which was the last year of its publication.

1990-91 and After: Estimates of annual percent change were applied against the last actual figures of 1989-90.

EXAMPLE: ONTARIO

Estimate of Ontario Operating Grants to Universities per FTE Student in 1990-91 (post Tripartite Committee):			$6,772
CALCULATION:			
PART 1:	OPERATING GRANTS	(For Tables 2.3, 2.4 and 2.5)	
1989-90 -	Last year Tripartite Committee reported actual Net Total Operating Grants for Ontario:		$1,599,386,000
1989-90 -	Ontario operating grants reported by CAUBO:		$1,724,504,000
1990-91 -	Ontario operating grants reported by CAUBO:		$1,869,822,000
1989-90 to 1990-91	percent change using CAUBO data:(1)		8.43%
1990-91 -	Estimated Net Total Operating Grants = $1,599,386,000 * 1.0843		$1,734,160,738
PART 2:	FTE ENROLMENT	(For Table 2.3)	
1989-90 -	Last year Tripartite Committee reported actual Net Total Enrolment for Ontario:		247,053
1989-90 -	Ontario total enrolment reported by Statistics Canada:		237,876
1990-91 -	Ontario total enrolment reported by Statistics Canada:		246,577
1989-90 to 1990-91	percent change using Statistics Canada data:		3.66%
1990-91 -	Estimated Net Total Enrolment = 247,053 * 1.0366		256,090
PART 3:	OPERATING GRANTS PER FTE ENROLMENT	(For Table 2.3)	
1990-91 -	Estimated Net Total Operating Grants		$1,734,160,738
	Divided by Estimated Net Total Enrolment		256,090
	Equals Ontario Operating Grants to Universities per FTE Student		$6,772

(1) 1990-91 to 1997-98: For each of these years the annual percent change was calculated from the operating grants reported in the Financial Reports of the Canadian Association of University Business Officers.
1998-99 to 1999-00: The annual percent change to operating grants for these two years were obtained from the Public Accounts and Expenditure Estimates of Ontario, and, for other provinces, the Association of Universities and Colleges of Canada.

APPENDIX C

METHODOLOGY FOR ESTIMATING EACH PROVINCE'S UNIVERSITY OPERATING EXPENDITURES PER FTE STUDENT

1989-90 and Before:	Actual "Total Operating Expenditures" were divided by actual "Enrolment - Provincial Institutions (excluding interprovincial transfers)". These data were derived from the report of the Tripartite Committee on Interprovincial Comparisons, April 1992, which was the last year of its publication.	
1990-91 and After:	Estimates of annual percent change were applied against the last actual figures of 1989-90.	
EXAMPLE: ONTARIO		
Estimate of Ontario Total University Operating Expenditures per FTE Student in 1996-97 (post Tripartite Committee):		$9,876
CALCULATION:	(For Table 3.2)	
PART 1:	OPERATING EXPENDITURES	
1989-90 -	Last year Tripartite Committee reported actual Total Operating Expenditures for Ontario:	$2,131,704,000
1989-90 -	Ontario operating expenditures reported by CAUBO:	$2,254,667,000
1996-97 -	Ontario operating expenditures reported by CAUBO:	$2,710,446,000
1989-90 to 1996-97	percent change using CAUBO data:(1)	20.21%
1996-97 -	Estimated Total Operating Expenditures = $2,131,704,000 * 1.2021	$2,562,626,135
PART 2:	FTE ENROLMENT	
1989-90 -	Last year Tripartite Committee reported actual Net Total Enrolment for Ontario:	247,053
1989-90 -	Ontario total enrolment reported by Statistics Canada:	237,876
1996-97 -	Ontario total enrolment reported by Statistics Canada:	249,808
1989-90 to 1996-97	percent change using Statstics Canada data:	5.02%
1996-97 -	Estimated Net Total Enrolment 247,084 * 1.0502	259,445
PART 3:	OPERATING EXPENDITURES PER FTE ENROLMENT	
1996-97 -	Estimated Total Operating Expenditures	$2,562,626,135
	Divided by Estimated Net Total Enrolment	259,445
	Equals Ontario Total University Operating Expenditures per FTE student:	$9,877

(1) 1990-91 to 1996-97: For each of these years the annual percent change was calculated from the operating expenditures reported in the Financial Reports of the Canadian Association of University Business Officers.

APPENDIX D

ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI) AND CANADA CONSUMER PRICE INDEX (CPI) 1981-82 to 2004-05

	OUNSPI	CPI	Annual Increase OUNSPI	CPI
1981-82	100.0	100.0	13.9%	12.1%
1982-83	110.2	109.5	10.2%	9.5%
1983-84	115.2	115.1	4.5%	5.1%
1984-85	122.1	119.4	6.0%	3.8%
1985-86	127.4	124.4	4.4%	4.1%
1986-87	131.0	129.6	2.8%	4.2%
1987-88	135.5	135.1	3.5%	4.3%
1988-89	139.3	140.9	2.8%	4.2%
1989-90	142.3	148.3	2.1%	5.3%
1990-91	144.6	155.8	1.6%	5.1%
1991-92	146.4	162.1	1.2%	4.0%
1992-93	153.6	164.8	5.0%	1.7%
1993-94	157.2	166.9	2.3%	1.3%
1994-95	170.1	168.0	8.3%	0.6%
1995-96	180.4	171.4	6.0%	2.0%
1996-97	178.3	174.4	-1.2%	1.8%
1997-98	182.4	176.6	2.3%	1.3%
1998-99	188.1	178.4	3.1%	1.0%
1999-00	197.1	182.4	4.8%	2.3%
2000-01	209.0	187.7	6.0%	2.9%
2001-02	211.3	191.5	1.1%	2.0%
2002-03	216.8	197.4	2.6%	3.1%
2003-04	222.2	200.9	2.5%	1.8%
2004-05	-	205.4	-	2.2%

Notes:

CPI and OUNSPI are relative to base year 1981-82 = 100.0.

1999-00 and 2000-01 indices were revised and re-weighted.
See Appendices E through G

The Ontario University Non-Salary Price Index was developed in 1978 tc provide "a more sensitive tool to assist in measuring the likely impact of inflation on non-salary expenditure, and a more accurate measure of the extent of inflationary erosion between any two years." — Council of Ontaric Universities, *Ontario University Non-Salary Price Index* (February 1978).

APPENDIX E

ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI)
Inflation Index
First Year Reported = 100

Component	1981 -82	1982 -83	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988 -89	1989 -90	1990 -91	1991 -92	1992 -93	1993 -94	1994 -95	1995 -96	1996 -97	1997 -98	1998 -99	1999 -00	2000 -01	2001 -02	2002 -03	2003 -04
Books	100.0	111.1	127.0	139.4	139.4	144.9	142.1	147.6	154.9	158.5	163.7	183.9	200.3	162.8	204.7	216.6	234.2	242.5	231.4	246.2	269.9	246.4	254.0
Periodicals														100.0	116.9	131.6	146.2	167.2	188.6	201.1	215.0	228.8	244.4
Library: Electronic Services												100.0	109.7	118.7	119.3	119.8	128.3	142.5	145.7	156.8	141.2	150.1	152.7
Library: Non-Print Media												100.0	108.5	114.6	119.9	125.6	132.5	144.4	143.7	151.1	143.1	146.3	149.3
Machinery & Equipment												100.0	107.5	113.6	113.1	112.8	115.6	123.2	119.4	122.8	126.8	123.4	107.1
Computer Hardware												100.0	106.5	105.4	101.0	97.2	95.7	95.8	93.1	92.3	92.5	93.0	92.6
Computer Software																		100.0	95.8	100.8	102.6	99.0	98.7
Furniture							100.0	103.7	109.1	111.8	111.9	112.2	113.7	119.1	129.2	129.3	130.3	131.0	133.3	135.6	137.5	138.1	141.8
Stationery and Paper	100.0	107.3	110.6	118.0	123.2	128.6	135.1	147.4	156.8	157.7	156.4	155.6	159.7	187.7	239.2	230.3	221.6	224.2	232.2	243.6	250.0	253.4	254.5
Printing Materials	100.0	113.0	116.5	120.7	124.2	132.3	137.5	144.4	150.5	153.2	153.3	153.3	148.2	149.4	161.1	161.4	161.9	166.6	171.4	175.2	176.1	183.6	191.9
Tools and Apparatus	100.0	110.5	115.2	121.1	127.5	131.6	136.7	143.3	148.0	151.9	155.8	157.8	161.1	164.6	173.0	179.0	182.2	192.0	197.4	198.9	200.9	203.2	202.1
Chemicals	100.0	103.8	107.8	111.2	113.5	113.4	121.8	134.0	129.9	131.4	129.5	129.7	133.4	148.3	151.9	151.8	150.3	145.7	152.7	162.2	160.7	165.7	166.6
Postage	100.0	140.8	147.9	147.9	163.8	167.9	180.8	187.6	191.4	200.2	215.7	229.4	235.3	238.4	246.2	249.9	251.3	256.1	266.6	270.5	284.2	301.1	311.6
Telephone and Long Distance	100.0	115.1	121.3	122.9	124.3	123.5	123.2	119.9	118.2	117.6	119.6	120.6	122.0	122.0	124.6	130.6	136.6	134.7	132.7	136.7	141.8	142.6	143.2
Electricity	100.0	110.1	119.4	129.2	137.6	144.2	152.6	160.6	169.9	183.2	200.9	221.9	232.5	231.7	229.3	227.9	227.7	227.7	227.7	227.8	245.3	277.2	274.0
Gas	100.0	122.1	128.1	129.9	129.9	129.1	126.7	123.6	116.5	115.4	125.9	129.0	139.2	142.4	134.0	137.8	144.8	159.4	173.3	228.3	256.3	232.0	279.3
Oil	100.0	118.8	128.8	136.6	128.6	83.1	93.1	77.5	87.7	92.1	76.9	85.0	76.9	92.2	97.3	108.4	99.5	81.5	125.4	159.8	134.7	167.7	154.3
Water	100.0	111.8	119.3	127.1	135.4	139.6	142.6	152.9	165.3	180.2	194.4	208.6	219.1	226.6	236.3	243.4	248.0	252.9	257.3	263.4	272.3	296.9	286.3
Renovations	100.0	103.6	103.2	107.0	109.1	112.4	118.3	125.1	130.2	132.6	130.3	129.8	132.6	136.5	138.0	142.9	146.3	148.8	151.2	155.5	159.0	162.7	169.2
Transportation	100.0	110.6	115.8	120.3	126.3	128.8	134.4	136.9	145.4	152.4	153.3	158.2	163.1	171.5	179.3	186.8	189.4	188.6	198.5	205.4	203.5	217.0	220.8
Traveller's Accommodation	100.0	111.8	117.5	122.8	130.1	141.8	144.9	153.7	159.5	165.4	164.9	166.2	167.8	175.0	188.9	192.2	196.9	206.2	218.3	230.5	219.1	206.1	183.8
Food Away from Home	100.0	109.7	114.5	119.2	124.2	130.4	135.1	142.1	149.2	160.2	172.1	175.0	177.1	179.7	183.3	186.1	189.6	193.1	197.1	201.5	208.7	214.5	219.9
Insurance	100.0	108.4	114.4	117.7	124.0	137.1	154.9	168.3	179.8	176.4	176.6	178.6	188.1	190.6	191.9	192.0	197.1	200.7	205.8	214.3	228.5	247.1	275.6
Space Rental	100.0	111.5	117.8	122.3	126.4	130.3	136.6	143.2	152.0	160.0	165.7	168.4	170.2	171.1	172.6	173.0	173.0	174.4	177.6	184.7	189.8	192.8	198.2

Notes:
1) underlined numbers are estimates.

APPENDIX F

ONTARIO UNIVERSITY NON-SALARY PRICE INDEX (OUNSPI)
Inflation Rate
1981-82 to 2003-04

Component	1981 -82	1982 -83	1983 -84	1984 -85	1985 -86	1986 -87	1987 -88	1988 -89	1989 -90	1990 -91	1991 -92	1992 -93	1993 -94	1994 -95	1995 -96	1996 -97	1997 -98	1998 -99	1999 -00	2000 -01	2001 -02	2002 -03	2003 -04
Books		11.1%	14.3%	9.7%	0.0%	3.9%	-1.9%	3.9%	4.9%	2.3%	3.2%	12.3%	8.9%	-18.7%	25.7%	5.8%	8.2%	3.5%	-4.6%	6.4%	9.6%	-8.7%	3.1%
Periodicals															16.9%	12.5%	11.1%	14.4%	12.8%	6.6%	6.9%	6.5%	6.8%
Library: Electronic Services													9.7%	8.2%	0.5%	0.4%	7.1%	11.0%	2.2%	7.6%	-10.0%	6.3%	1.7%
Library: Non-Print Media													8.5%	5.6%	4.7%	4.7%	5.5%	9.0%	-0.5%	5.2%	-5.4%	2.3%	2.0%
Machinery & Equipment													7.5%	5.7%	-0.4%	-0.3%	2.5%	5.6%	-3.1%	2.8%	3.3%	-2.7%	-13.2%
Computer Hardware													6.5%	-1.1%	-4.1%	-3.8%	-1.6%	0.1%	-2.8%	-0.9%	0.2%	0.6%	-0.4%
Computer Software																			-4.2%	5.3%	1.8%	-3.5%	-0.4%
Furniture								3.7%	5.2%	2.5%	0.1%	0.3%	1.4%	4.7%	8.5%	0.0%	0.8%	0.5%	1.8%	1.8%	1.4%	0.4%	2.6%
Stationery and Paper		7.3%	3.1%	6.7%	4.4%	4.4%	5.1%	9.1%	6.4%	0.6%	-0.8%	-0.5%	2.6%	17.5%	27.5%	-3.8%	-3.7%	1.2%	3.6%	4.9%	2.6%	1.3%	0.5%
Printing Materials		13.0%	3.0%	3.7%	2.9%	6.5%	4.0%	5.0%	4.2%	1.8%	0.1%	0.0%	-3.4%	0.9%	7.8%	0.2%	0.3%	3.0%	2.8%	2.2%	0.5%	4.2%	4.5%
Tools and Apparatus		10.5%	4.2%	5.2%	5.3%	3.2%	3.9%	4.9%	3.3%	2.6%	2.6%	1.3%	2.1%	2.2%	5.1%	3.5%	1.7%	5.4%	2.8%	0.8%	1.0%	1.2%	-0.5%
Chemicals		3.8%	3.9%	3.2%	2.0%	-0.1%	7.4%	10.1%	-3.1%	1.1%	-1.5%	0.2%	2.9%	11.2%	2.4%	0.0%	-1.0%	-3.1%	4.8%	6.2%	-0.9%	3.1%	0.6%
Postage		40.8%	5.0%	0.0%	10.8%	2.5%	7.6%	3.8%	2.0%	4.6%	7.7%	6.4%	2.6%	1.3%	3.2%	1.5%	0.6%	1.9%	4.1%	1.5%	5.1%	5.9%	3.5%
Telephone and Long Distance		15.1%	5.3%	1.4%	1.1%	-0.6%	-0.2%	-2.7%	-1.4%	-0.5%	1.7%	0.9%	1.1%	0.0%	2.2%	4.8%	4.6%	-1.4%	-1.5%	3.0%	3.7%	0.5%	0.4%
Electricity		10.1%	8.5%	8.2%	6.5%	4.8%	5.8%	5.3%	5.8%	7.8%	9.7%	10.4%	4.8%	-0.4%	-1.0%	-0.6%	-0.1%	0.0%	0.0%	0.0%	7.7%	13.0%	-1.2%
Gas		22.1%	5.0%	1.4%	0.0%	-0.6%	-1.9%	-2.4%	-5.7%	-0.9%	9.1%	2.5%	7.9%	2.3%	-5.9%	2.8%	5.1%	10.0%	8.7%	31.8%	12.3%	-9.5%	20.4%
Oil		18.8%	8.4%	6.0%	-5.9%	-35.4%	12.0%	-16.8%	13.2%	5.0%	-16.5%	10.6%	-9.6%	19.9%	5.5%	11.4%	-8.2%	-18.1%	53.9%	27.4%	-15.7%	24.5%	-8.0%
Water		11.8%	6.7%	6.6%	6.5%	3.1%	2.2%	7.2%	8.1%	9.0%	7.9%	7.3%	5.0%	3.4%	4.3%	3.0%	1.9%	2.0%	1.7%	2.4%	3.4%	9.0%	-3.6%
Renovations		3.6%	-0.4%	3.7%	1.9%	3.0%	5.3%	5.8%	4.1%	1.8%	-1.8%	-0.4%	2.1%	3.0%	1.1%	3.6%	2.4%	1.7%	1.6%	2.8%	2.3%	2.3%	4.0%
Transportation		10.6%	4.7%	3.9%	4.9%	2.0%	4.4%	1.9%	6.3%	4.8%	0.6%	3.2%	3.1%	5.2%	4.5%	4.2%	1.4%	-0.4%	5.2%	3.5%	-0.9%	6.6%	1.7%
Traveller's Accommodation		11.8%	5.0%	4.5%	6.0%	9.0%	2.2%	6.1%	3.7%	3.7%	-0.3%	0.8%	0.9%	4.3%	8.0%	1.7%	2.5%	4.7%	5.9%	5.6%	-4.9%	-5.9%	-10.8%
Food Away from Home		9.7%	4.4%	4.1%	4.3%	4.9%	3.6%	5.2%	5.0%	7.3%	7.5%	1.7%	1.2%	1.4%	2.0%	1.5%	1.9%	1.9%	2.0%	2.2%	3.6%	2.8%	2.5%
Insurance		8.4%	5.5%	2.8%	5.4%	10.5%	13.0%	8.6%	6.8%	-1.9%	0.1%	1.1%	5.3%	1.3%	0.7%	0.1%	2.6%	1.8%	2.6%	4.1%	6.6%	8.2%	11.5%
Space Rental		11.5%	5.6%	3.7%	3.4%	3.1%	4.8%	4.8%	6.2%	5.3%	3.6%	1.6%	1.0%	0.5%	0.9%	0.2%	0.0%	0.8%	1.8%	4.0%	2.7%	1.6%	2.8%

APPENDIX G

ONTARIO UNIVERSITY NON-SA LARY PRICE INDEX (OUNSPI)
Components and Weights
2002 and 1993

Component	Index Weights (%) 2002	1993	Source
Books	4	7	*Bowker (U.S.) Hardcover Book Price Index*. Converted to $Can to capture exchange rate fluctuations
Periodicals	6	7	*Rowe-Com Foreign and Domestic Price Index* http://www.rowecom.ca/english/new_cpi.htm Estimates done by applying Canadian price projections for periodicals in several countries to the 199 geographic mix. See http://www.rowecom.ca/english/new_cp.htm
Electronic Services	1	n/a	U.S. Academic Library Price Index (ALPI). Published in *Inflation Measures for Schools, Colleges and Libraries* by Research Associates of Washington. Converted to $Can to capture exchange rate fluctuations
Non-Print Media	2	n/a	U.S. Academic Library Price Index (ALPI). Published in *Inflation Measures for Schools, Colleges and Libraries* by Research Associates of Washington. Converted to $Can to capture exchange rate fluctuations
Machinery and Equipment	7	10	U.S. Producer Price Index (WPU11) at http://data.bls.gov/cgi-bin/surveymost?wj Converted to $Can to capture exchange rate fluctuations
Computer Hardware	9	10	Statistics Canada Industry Price Index *Computer and Peripheral Manufacturing Price Index* (V3822743) (1997=100)
Computer Software	5	3	U.S. Software Producer Price Index *Prepackaged Software* (7372#) From Bureau of Labor Statistics at http://data.bls.gov/labjava/outside.jsp?survey=p
Furniture and Furnishings	2	1	Statistics Canada Industry Price Index *Office Furniture* (V1575091) (1997=100)
Stationery and Paper	8	11	Statistics Canada Industry Price Index *Office and Stationery Supplies* (V1575193) (1997=100)
Printing Materials	6	7	Statistics Canada Industry Price Index *Writing and Reproduction Paper* (V1575144) (1997=100)
Tools and Apparatus	3	5	Statistics Canada Industry Price Index *Hardware, Tools and Cutlery* (V1575387) (1997=100)
Chemicals	6	4	Statistics Canada Industry Price Index *Chemicals and Chemical Products* (V1575971) (1997=100)
Postage and Courier	5	4	Statistics Canada Consumer Price Index *Postal Service and Other Communication Services* (V735417) (1992=100)
Telephone and Long Distance	5	5	Statistics Canada Consumer Price Index *Communications* (V735415) (1992=100)
Insurance	1	1	Statistics Canada Consumer Price Index *Homeowner's Insurance Premiums* (V735405) (1992=100)
Space Rental	3	1	Statistics Canada Consumer Price Index *Shelter* (V735396) (1992=100)
Transportation	4	4	Statistics Canada Consumer Price Index *Transportation* (V531261) (1992=100)
Shelter	2	1	Statistics Canada Consumer Price Index *Traveler's Accommodation* (V735558) (1992=100)
Food Away from Home	2	1	Statistics Canada Consumer Price Index *Food Purchased in Restaurants* (V735391) (1992=100)
Electricity	8	12	Statistics Canada Industry Price Index *Electric Power Selling Price Index* (V3834002) (1997=100)
Gas	5	3	Statistics Canada Consumer Price Index *Piped Gas* (V735411) (1992=100)
Oil	1	0	Statistics Canada Industry Price Index *Heavy Fuel Oil* (V1575903) (1997=100)
Water	1	1	Statistics Canada Consumer Price Index *Water* (V735410) (1992=100)
Renovations and Alterations	4	2	Statistics Canada Construction Price Statistic Historical Non-Residential Price Indicators (D15624) and new Non-residential Building Construction Price Index
Total	100	100	

APPENDIX H-1

DETAILS OF PROVINCIAL OPERATING GRANTS
ONTARIO UNIVERSITIES
1998-99 TO 2006-07

	Envelope	Notes	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06	2006-07p
1	Basic Operating Grant		$1,411,490,000	$1,461,466,200	$1,465,247,471	$1,514,353,700	$1,546,246,016	$1,688,552,909	$1,838,258,485	$2,009,960,977	$2,009,960,977
2	Pay Equity	1	$18,961,300	$0	$0						
3	Accessibility Fund	2	$0	$0	$16,500,000	$95,800,000	$122,107,300	$215,691,386	$129,934,087	$88,296,355	$170,000,000
4	Performance Fund		$0	$0	$16,500,000	$23,160,000	$23,160,000	$23,160,000	$23,159,999	$23,160,000	$23,160,000
5	Quality Assurance Fund							$74,884,410	$74,598,001	$74,598,001	$74,598,001
5	a Quality Improvement Fund									$148,425,494	$188,405,843
	1) ATOP slip									$35,478,000	
	2) Advancing Quality									$80,533,391	$113,781,777
	3) Excellence fund									$17,582,238	$18,000,000
	5) Per Student Funding									$34,821,865	$56,614,066
6	Research Overhead/Infrastructure		$27,477,000	$27,751,770	$27,751,770	$27,751,770	$27,751,770	$27,751,770	$27,751,770	$27,751,770	$27,751,770
7	Enhanced Access for Disabled		$5,752,000	$5,752,000	$5,752,000	$5,752,000	$5,752,000	$7,257,000	$7,197,004	$11,148,476	$10,175,463
8	Mission Related		$39,388,401	$39,782,285	$39,782,284	$40,740,206	$46,008,774	$46,008,774	$46,248,911	$46,128,842	$46,128,842
	a Bilingualism		$28,028,030	$28,308,310	$28,308,309	$28,308,310	$28,308,310	$28,308,310	$28,308,310	$28,308,310	$28,308,310
	b Differentiation		$1,876,000	$1,894,760	$1,894,760	$1,894,760	$1,894,760	$1,894,760	$1,894,760	$1,894,760	$1,894,760
	c Northern Ontario		$9,484,371	$9,579,215	$9,579,215	$10,537,136	$15,805,704	$15,805,704	$16,045,841	$15,925,772	$15,925,772
9	Fair Funding for Universities	3	$10,000,000	$20,000,000	$28,999,999	$0	$0	$0			
10	Institution Specific Grants		$34,260,108	$15,501,298	$15,850,057	$13,517,811	$11,092,217	$11,016,189	$12,734,017	$12,320,064	$10,621,629
	a Algoma Extraordinary Grant		$540,000	$545,400	$545,400	$599,940	$899,910	$899,910	$913,582	$906,746	$906,746
	b Guelph Ontario Veterinary College	4	$0	$2,000,000	$4,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000
	c Guelph Pension Supplement		$642,000	$900,000	$643,000	$634,000	$603,000	$579,000	$567,000	$544,000	$550,000
	d Hearst Extraordinary Grant		$0	$0	$400,000	$400,000	$600,000	$600,000	$609,116	$604,558	$604,558
	e McMaster Occupational/Physiotherapy		$500,000	$500,000	$0						
	f Ottawa Medical School - Francophone		$411,704	$424,055	$424,055	$212,000	$212,000	$212,000	$1,913,804	$1,174,537	
	g Ottawa Teachers of Deaf Pupils - Francophone		$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	$350,000	
	h Ryerson Pension Supplement		$3,551,427	$0	$0	$0	$0				
	i Ryerson University Status	3	$16,900,000	$0	$0	$0	$0				
	j Toronto Medical School Health Research Grant		$6,760,556	$5,760,556	$4,760,556	$4,159,453	$0				
	k Toronto OISE/UT Base Grant		$785,600	$785,600	$1,327,168	$0	$785,600	$785,600	$785,600	$785,600	
	l Toronto OISE/UT French Language Initiatives		$169,090	$169,090	$338,180	$0	$169,090	$169,090	$169,090	$169,090	
	m Toronto OISE/UT New Transfer Grant		$549,500	$471,000	$706,500	$0	$235,500	$157,000	$78,500		
	n Toronto OISE/UT Transitional Fund		$2,010,327	$2,010,327	$0	$0	$0				
	o Toronto OISE/UT Utilities Adjustment		-$115,000	-$115,000	$0	$0	$0				
	q Waterloo Optometry (Administration Fee)		$19,000	$21,000	$19,000	$20,000	$15,000	$17,000	$18,000	$17,000	$21,000
	r York Deaf Education Centre		$729,325	$729,325	$729,325	$729,325	$729,325	$729,325	$729,325	$768,533	$729,325
	s York/Trent Programming at UOIT/Durham College		$456,579	$950,000	$1,606,928	$1,413,193	$1,492,792	$1,517,264	$2,000,000	$2,000,000	$2,000,000
	t Queen's Regional Assessment Resource Ctre										$810,000
11	Special Purpose Grants		$11,809,853	$12,211,438	$14,307,480	$13,048,237	$12,054,678	$18,334,598	$141,739,890	$26,618,201	$18,340,800
	a Aboriginal Education & Training Program		$2,585,550	$2,848,000	$2,651,832	$2,576,860	$2,780,615	$2,787,538	$2,762,100	$2,848,000	$2,848,000
	b Canadian Hearing Society		$49,916	$71,180	$60,453	$64,142	$70,820	$71,000	$71,180	$71,000	$71,180
	c Canadian Institute for Advanced Research		$1,250,000	$1,250,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$1,500,000	$2,000,000	$2,000,000
	d Contact North Supplement		$266,375	$266,375	$266,375	$266,375	$366,375	$366,375	$366,375	$366,375	$366,375
	e Educ-Action		$127,500	$127,500	$127,000	$127,500	$127,500	$127,500	$155,278	$127,500	
	f Fields Institute (McMaster, Toronto, Waterloo)		$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000	$1,000,000
	g French as a Minority Language Programs		$926,000	$926,000	$926,000	$1,538,000	$1,538,000	$1,538,000	$3,637,964	$8,307,481	$5,301,887
	h Graduate Survey		$300,000	$600,000	$195,964	$182,005	$276,750	$180,718	$105,000	$99,100	$182,000
	i Interpreters Fund		$412,410	$725,000	$586,342	$725,000	$725,000	$725,000	$1,280,510	$724,999	$725,000
	j Midwifery (McMaster Consortium)		$1,313,778	$1,313,778	$1,313,778	$1,325,778	$1,313,778	$1,313,778	$1,313,778	$1,313,778	$1,313,778
	k Ontario/Four Motors (Ottawa, Queen's)		$245,000	$250,000	$0	$0	$0				
	l Ontario/Quebec Academic Exchange		$106,102	$140,250	$110,923	$9	$0				
	m Ontario/Quebec Health Study Program		$328,493	$450,000	$190,970	$210,197	$239,376	$295,867	$298,309	$387,140	$300,000
	n College Alfred/Guelph Agreement		$0	$0	$500,000	$0	$0				
	o Council of Ministers of Education of Canada		$30,000	$0	$0	$0	$0				
	p SARS compensation							$1,563,678			
	q Training for Professionals in Autism Therapies							$3,000,000	$625,000		
	r Transcription Services for Print-Disabled		$330,000	$400,000	$525,000	$645,000	$586,300	$685,000	$825,000	$825,000	$825,000
	s University Student Residence Program		$1,831,618	$1,108,355	$3,298,190	$1,858,348	$499,884	$2,164,310	$1,970,400	$1,776,490	$1,582,580
	t Womens Campus Safety		$699,999	$700,000	$699,999	$699,999	$699,999	$715,000	$700,000	$700,000	$700,000
	u Work Place Safety & Insurance Board Claims		$7,114	$20,000	$9,153	$8,360	$11,202	$13,754	$7,728	$13,718	$20,000
	v Workers Insurance Premium Coverage		$0	$15,000	$25,500	$886	$4,085	$2,079	$6,270	$7,314	$15,000
	w Advanced Training Program (CUCC)		$0	$0	$175,000	$175,000	$175,000	$175,000	$175,000	$175,000	$175,000
	x COU Partnerships (was OPAS to 05-06)		$0	$0	$125,000	$130,000	$100,000	$130,000	$100,000	$100,000	$100,000
	y ICSEI Conference (York)		$0	$0	$5,000	$0	$0				
	z CMEC (Postsecondary Expectations Project)		$0	$0	$15,000	$15,000	$30,000	$0	$15,000	$11,539	$15,000
	aa Ont. Graduate Fellowship and Research Chairs								$124,999,999		
	bb Peterborough Flood Relief								$25,002		
	cc Canadian Association of Graduate Studies Conference									$15,000	
	dd Transformation - Access Fund									$5,590,979	
	ee Transformation - Aboriginal									$257,780	
	ff WUSC (Internationalization)									$120,000	$120,000
	gg International Strategy										$880,000
12	Teacher Education Expansion	5	$0	$3,750,000	$3,749,999	$3,862,499	$510,000				
13	Medical Expansion - Startup					$7,000,000	$0				
	Medical Expansion - Operating		$0	$0	$975,752	$3,792,285	$7,673,275	$11,155,069	$13,372,789	$26,599,284	$31,589,318
	Medical Expansion - Graduate							$3,746,005	$5,780,873	$2,995,370	
	Nursing - Compressed Degree					$1,055,462	$3,565,000	$3,334,000	$3,939,373		
	Nursing Faculty Fund								$844,823	$1,999,998	$3,000,000
	Nursing - Tuition Waiver/Graduate Expansion		$0	$0	$0	$1,000,000	$1,120,487	$1,400,563	$1,800,000	$2,555,889	$800,000
	Northern Medical School						$5,300,493	$22,932,257	$18,500,000	$17,800,000	$19,724,000
	Medical Post-Grad Residency									$5,100,000	$13,029,210
	Clinical Education									$60,000	$6,800,000
	Increase in Undergraduate Medical Enrolment									$1,880,462	$4,751,444
14	Ministry Initiatives & Contingency		$235,338	$2,786,000	$0		$0				$13,952,887
15	UOIT						$11,758,143	$14,856,221	$18,946,429	$22,184,078	$22,530,000
16	Ontario Graduate Scholarships in Science & Tech		$2,840,000	$5,080,000	$5,080,000	$5,000,000	$5,000,000	$5,000,000	$4,999,960	$5,000,000	$5,000,000
	a Base Funding		$2,840,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$5,000,000	$4,999,960		
	b Carry Forward		$0	$1,080,000	$1,080,000	$0	$0				
17	Access to Opportunities Program (ATOP)		$34,300,000	$45,500,000	$85,400,000	$48,551,035	$56,737,586	$60,600,000	$53,000,001		
	a Start-Up Funding		$30,400,000	$23,100,000	$49,200,000	$0	$0				
	b On-Going Funding		$3,900,000	$22,400,000	$36,200,000	$48,551,035	$56,737,586	$60,600,000	$53,000,001		
18	Tuition Freeze Compensation	6							$41,700,279	$95,500,000	$99,500,000
19	Grants for Municipal Taxation	7								$24,807,900	$25,686,525
	Total	8	$1,596,514,000	$1,640,581,000	$1,726,896,800	$1,731,385,105	$1,885,834,719	$2,215,681,181	$2,464,516,650	$2,678,891,189	$2,825,516,509
	Total excluding ATOP Start-Up Funding		$1,566,114,000	$1,617,481,000	$1,677,696,800	$1,731,385,105	$1,885,834,719	$2,215,681,181	$2,464,516,650	$2,678,891,189	$2,825,516,509
	Total excl ATOP Start-Up & Municipal Taxation		$1,566,114,000	$1,617,481,000	$1,677,696,800	$1,731,385,105	$1,885,834,719	$2,215,681,181	$2,464,516,650	$2,654,083,289	$2,799,829,984

Notes

1. Decreased by $2.0M and rolled into Basic Operating Grant in 1999-00
2. In 2002-03, $28.8 of Accessibility is for the previous year
3. Rolled into Basic Operating Grant in 2001-02
4. Categorized as Budget Initiative in 1999-00. Increased by $2.0M and moved to Institution Specific Grants in 2000-01
5. Each year rolled into Basic Operating Grant in subsequent years.
6. 2% of eligible deregulated programs + 8% of eligible deregulated programs
7. Not normally included in Operating Grants
8. Public Accounts "Grants for University Operating Costs" in 1998-99 includes ATOP startup and ongoing funding. These are excluded in subsequent years.

APPENDIX A2

DETAILS OF PROVINCIAL OPERATING GRANTS
ONTARIO UNIVERSITIES
1998-99 TO 2006-07

Envelope	Change from 1998-99 to 2006-07 $	Change from 1998-99 to 2006-07 %	Change from 2000-01 to 2006-07 $	Change from 2000-01 to 2006-07 %	Change from 2001-02 to 2006-07 $	Change from 2001-02 to 2006-07 %	Change from 2002-03 to 2006-07 $	Change from 2002-03 to 2006-07 %	Change from 2003-04 to 2006-07 $	Change from 2003-04 to 2006-07 %	Change from 2004-05 to 2006-07 $	Change from 2004-05 to 2006-07 %	Change from 2005-06 to 2006-07 $	Change from 2005-06 to 2006-07 %
Basic Operating Grant	$599,470,977	42.4%	$648,494,777	37.9%	$644,713,508	37.2%	$486,857,277	32.7%	$483,714,981	30.0%	$341,409,089	20.5%	$171,702,512	9.3%	$0	0.0%
Pay Equity	($18,961,300)	-100.0%	$0		$0											
Accessibility Fund	$170,000,000		$170,000,000		$153,900,000	930.3%	$144,200,000	958.9%	$47,892,700	38.2%	($45,691,386)	-21.2%	$40,995,913	30.8%	$81,703,645	92.5%
Performance Fund	$23,160,000		$23,160,000		$6,660,000	48.4%	$0	0.0%	$0	0.0%	$0	0.0%	$1	0.0%	$0	0.0%
Quality Assurance Fund											($298,409)	-0.4%	$0	0.0%	$0	0.0%
a Quality Improvement Fund															$39,990,349	26.9%
1) ATOP clip															($35,478,000)	
2) Advancing Quality															$53,258,396	69.0%
3) Excellence fund															$407,782	2.3%
5) Per Student Funding															$21,792,201	62.6%
Research Overhead/Infrastructure	$274,770	1.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
Enhanced Access for Disabled	$4,423,463	76.9%	$4,423,463	76.9%	$4,423,463	76.9%	$4,423,463	76.9%	$4,423,463	76.9%	$2,918,463	40.2%	$2,978,459	41.4%	($973,013)	-9.1%
Mission Related	$6,740,441	17.1%	$6,346,557	16.0%	$6,346,556	16.0%	$5,388,056	13.2%	$120,068	0.3%	$120,068	0.3%	($120,069)	-0.3%	$0	0.0%
a Bilingualism	$280,280	1.0%	$0	0.0%	$1	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
b Differentiation	$18,760	1.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
c Northern Ontario	$6,441,401	67.9%	$6,346,557	66.3%	$6,346,556	66.3%	$5,388,056	56.1%	$120,068	0.8%	$120,068	0.8%	($120,069)	-0.7%	$0	0.0%
Fair Funding for Universities	($10,000,000)	-100.0%	($20,000,000)	-100.0%	($26,999,999)	-100.0%	$0		$0		$0					
Institution Specific Grants	($23,639,479)	-88.0%	($4,879,499)	-31.5%	($5,229,429)	-33.0%	($2,866,282)	-21.4%	($470,598)	-4.2%	($364,598)	-3.6%	($2,112,386)	-18.8%	($1,898,495)	-13.8%
a Algoma Extraordinary Grant	$366,746	67.9%	$361,346	66.3%	$361,346	66.3%	$306,876	51.1%	$6,836	0.8%	$6,836	0.8%	($6,836)	-0.7%	$0	0.0%
b Guelph Ontario Veterinary College	$5,000,000		$3,000,000	150.0%	$1,000,000	25.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
c Guelph Pension Supplement	($92,000)	-14.3%	($350,000)	-38.9%	($93,000)	-14.5%	($84,000)	-13.2%	($53,000)	-8.8%	($28,000)	-5.0%	($17,000)	-3.0%	$8,000	1.1%
d Hearst Extraordinary Grant	$804,558		$804,558		$204,558	51.1%	$204,558	51.1%	$4,558	0.8%	$4,558	0.8%	($4,559)	-0.7%	$0	0.0%
e McMaster Occupational/Physiotherapy	($500,000)	-100.0%	($500,000)	-100.0%	$0											
f Ottawa Medical School - Francophone	($411,704)	-100.0%	($424,000)	-100.0%	($424,000)	-100.0%	($212,000)	-100.0%	($212,000)	-100.0%	($212,000)	-100.0%	($1,513,804)	-100.0%	($1,174,537)	
g Ottawa Teachers of Deaf Pupils - Francophone	($350,000)	-100.0%	($350,000)	-100.0%	($350,000)	-100.0%	($350,000)	-100.0%	($350,000)	-100.0%	($350,000)	-100.0%	($350,000)	100.0%	($350,000)	
h Ryerson Pension Supplement	($3,551,427)	-100.0%	$0		$0		$0		$0							
i Ryerson University Status	($18,900,000)	-100.0%	$0		$0		$0		$0							
j Toronto Medical School Health Research Grant	($6,780,556)	-100.0%	($5,780,556)	-100.0%	($4,780,556)	-100.0%	($4,159,453)	-100.0%	$0							
k Toronto OISE/UT Base Grant	($795,600)	-100.0%	($795,600)	-100.0%	($1,327,198)	-100.0%	$0		($795,600)	-100.0%	($795,600)	-100.0%	($795,600)	100.0%	($795,600)	
l Toronto OISE/UT French Language Initiatives	($169,090)	-100.0%	($169,090)	-100.0%	($338,180)	-100.0%	$0		($169,090)	-100.0%	($169,090)	-100.0%	($169,090)	100.0%	($169,090)	
m Toronto OISE/UT New Transfer Grant	($549,500)	-100.0%	($471,000)	-100.0%	($706,500)	-100.0%	$0		($235,500)	-100.0%	($157,000)	-100.0%	($78,500)	-100.0%		
n Toronto OISE/UT Transitional Fund	($2,010,327)	-100.0%	($2,010,327)	-100.0%	$0		$0		$0							
o Toronto OISE/UT Utilities Adjustment	$115,000	-100.0%	$115,000	-100.0%	$0		$0		$0							
q Waterloo Optometry (Administration Fee)	$2,000	10.5%	$0	0.0%	$2,000	10.5%	$1,000	5.0%	$8,000	40.0%	$4,000	23.5%	$3,000	16.7%	$4,000	23.5%
r York Deaf Education Centre	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	($39,208)	-5.1%
s York/Trent Programming at UOIT/Durham College	$1,543,421	338.0%	$1,050,000	118.5%	$393,072	24.5%	$586,807	41.5%	$507,208	34.0%	$482,738	31.8%	$0	0.0%	$0	0.0%
t Queen's Regional Assessment Resource Ctre.																
Special Purpose Grants	$8,530,947	95.3%	$8,129,362	90.2%	$4,033,331	26.2%	$5,292,583	40.9%	$6,266,122	52.1%	$6,202	0.0%	($125,389,090)	-97.1%	($9,277,401)	-31.1%
a Aboriginal Education & Training Program	$262,450	10.2%	$0	0.0%	$198,188	7.4%	$271,140	10.5%	$67,380	2.4%	$80,481	2.9%	$85,900	3.1%	$0	0.0%
b Canadian Hearing Society	$21,264	42.6%	$0	0.0%	$10,727	17.7%	$7,038	11.0%	$360	0.5%	$180	0.3%	$0	0.0%	$180	0.3%
c Canadian Institute for Advanced Research	$750,000	60.0%	$750,000	60.0%	$500,000	33.3%	$500,000	33.3%	$500,000	33.3%	$500,000	33.3%	$500,000	33.3%	$0	0.0%
d Contact North Supplement	$100,000	37.5%	$100,000	37.5%	$100,000	37.5%	$100,000	37.5%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
e Educ-Action	($127,500)	-100.0%	($127,500)	-100.0%	($127,000)	-100.0%	($127,500)	-100.0%	($127,500)	-100.0%	($127,500)	-100.0%	($155,278)	121.8%	($127,500)	
f Fields Institute (McMaster, Toronto, Waterloo)	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0		$0	0.0%
g French as a Minority Language Programs	$4,375,887	472.6%	$4,375,887	472.6%	$4,375,887	472.6%	$3,783,887	244.7%	$3,783,887	244.7%	$3,783,887	244.7%	$1,883,923	45.7%	($3,005,804)	-36.2%
h Graduate Survey	($118,000)	-39.3%	($418,000)	-68.7%	($13,964)	-7.1%	($9)	0.0%	($84,750)	-34.2%	$1,282	0.7%	$77,000	73.3%	$82,900	83.7%
i Interpreters Fund	$312,990	75.9%	$0	0.0%	$138,999	23.6%	$0	0.0%	$0	0.0%	$0	0.0%	($999,510)	-63.4%	$1	0.0%
j McMaffey (McMaster Consortium)	$0	0.0%	$0	0.0%	$0	0.0%	($12,000)	-0.9%	$0	0.0%	$0	0.0%	$0		$0	0.0%
k Ontario/Four Motors (Ottawa, Queen's)	($245,000)	-100.0%	($250,000)	-100.0%	$0		$0		$0							
l Ontario/Quebec Academic Exchange	($106,102)	-100.0%	($140,250)	-100.0%	($110,923)	-100.0%	($9)	-100.0%	$0							
m Ontario/Quebec Health Study Program	($28,493)	-8.7%	($150,000)	-33.3%	$108,000	57.1%	$89,603	42.7%	$60,630	25.3%	$4,133	1.4%	$1,691	0.6%	($67,140)	-18.3%
n College Alfred/Guelph Agreement	$0		$0		($500,000)	-100.0%	$0		$0							
o Council of Ministers of Education of Canada	($30,000)	-100.0%	$0		$0		$0		$0							
p SARS compensation											($1,563,678)	-100.0%				
q Training for Professionals in Autism Therapies											($3,000,000)	-100.0%	($825,000)			
r Transcription Services for Print-Disabled	$295,000	89.4%	$225,000	56.3%	$100,000	19.0%	($20,000)	-3.1%	$39,700	4.8%	($95,000)	-8.9%	$0	0.0%	$0	0.0%
s University Student Residence Program	($249,035)	-13.6%	$474,225	42.1%	($1,715,610)	-52.0%	($275,795)	-14.8%	$1,082,695	215.6%	($541,730)	-26.9%	($387,820)	-19.7%	($193,910)	-10.9%
t Womens Campus Safety	$1	0.0%	$0	0.0%	$1	0.0%	$1	0.0%	$1	0.0%	($15,000)	-2.1%	$0	0.0%	$0	0.0%
u Work Place Safety & Insurance Board Claims	$12,866	181.1%	$0	0.0%	$10,647	110.5%	$11,640	139.2%	$8,759	78.5%	$6,246	45.4%	$12,275	158.9%	$8,354	45.8%
v Workers Insurance Premium Coverage	$15,000		$0	0.0%	($10,500)	-41.7%	$14,334	2152.3%	$10,915	267.2%	$12,921	621.5%	$8,730	139.2%	$7,686	105.1%
w Advanced Training Program (CUCC)	$175,000		$175,000		$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%	$0	0.0%
x CCN I Partnerships (was OPAS to 05-06)	$100,000		$100,000		($25,000)	-20.0%	($30,000)	-23.1%	$0	0.0%	($30,000)	-23.1%	$0	0.0%	$0	0.0%
y ICSEI Conference (York)	$0		$0		($5,000)	-100.0%	$0		$0							
z CMEC (Postsecondary Expectations Project)	$15,000		$15,000		$0	0.0%	$0	0.0%	($15,000)	-50.0%	$15,000		$0	0.0%	$3,461	30.0%
aa Ont. Graduate Fellowship and Research Chairs													($124,998,998)			
bb Peterborough Flood Relief													($25,002)			
cc Canadian Association of Graduate Studies Confere															($15,000)	
dd Transformation - Access Fund															($5,580,979)	
ee Transformation - Aboriginal															($257,780)	
ff WUSC (Internationalization)															$0	0.0%
gg International Strategy																
Teacher Education Expansion	$0		($3,750,000)	-100.0%	($3,749,998)	-100.0%	($3,862,499)	-100.0%	($515,000)	-100.0%						
Medical Expansion - Startup							($7,000,000)	-100.0%	$0							
Medical Expansion - Operating	$31,599,318		$31,599,318		$30,623,588	3138.9%	$27,907,030	733.3%	$23,936,043	311.8%	$20,444,249	193.3%	$18,226,549	136.3%	$5,000,034	18.6%
Medical Expansion - Graduate											($3,746,005)	-100.0%	($5,790,673)		($2,995,370)	
Nursing - Compressed Degree							($1,088,462)	-100.0%	($3,585,000)	-100.0%	($3,334,000)	-100.0%	($3,039,373)			
Nursing Faculty Fund													$2,155,177		$1,000,002	50.0%
Nursing - Tuition Waiver/Graduate Expansion	$800,000		$800,000		$800,000		($200,000)	-20.0%	($320,457)	-26.8%	($800,563)	-42.9%	($1,000,000)	-55.6%	($1,755,999)	-48.7%
Northern Medical School									$14,423,507	272.1%	($3,268,257)	-14.0%	$1,224,000	6.6%	$1,924,000	10.6%
Medical Post-Grad Residency															$7,929,210	155.5%
Clinical Education															$8,740,000	11233.3%
Increase in Undergraduate Medical Enrolment															$2,870,982	152.7%
Ministry Initiatives & Contingency	$13,717,349	9828.8%	$11,166,678	400.8%	$13,962,687				$13,962,687							
UOIT									$10,774,867	91.7%	$7,873,778	51.7%	$3,583,571	18.9%	$345,924	1.8%
Ontario Graduate Scholarships in Science & Tech	$2,160,000	76.1%	($1,080,000)	-17.8%	($1,080,000)	-17.8%	$0	0.0%	$0	0.0%	$0	0.0%	$40	0.0%	$0	0.0%
a Base Funding	($2,840,000)	-100.0%	($5,000,000)	-100.0%	($5,000,000)	-100.0%	($5,000,000)	-100.0%	($5,000,000)	-100.0%	($5,000,000)	-100.0%	($4,999,960)	-100.0%		
b Carry Forward	$0		($1,080,000)	-100.0%	($1,080,000)	-100.0%	$0		$0							
Access to Opportunities Program (ATOP)	($34,300,000)	-100.0%	($45,500,000)	-100.0%	($45,400,000)	-100.0%	($46,581,035)	-100.0%	($56,737,598)	-100.0%	($60,653,000)	-100.0%	($53,000,001)	-100.0%		
a Start-Up Funding	($30,400,000)	-100.0%	($23,100,000)	-100.0%	($49,200,000)	-100.0%	$0		$0							
b On-Going Funding	($3,900,000)	-100.0%	($22,400,000)	-100.0%	($36,200,000)	-100.0%	($46,581,035)	-100.0%	($56,737,598)	-100.0%	($60,000,000)	-100.0%	($53,000,001)	-100.0%		
Tuition Freeze Compensation													$57,799,722	#VALUE!	$0	0.0%
Grants for Municipal Taxation																0.0%
Total	$1,229,002,509	77.0%	$1,184,935,509	72.2%	$1,098,619,709	63.6%	$1,094,131,404	63.2%	$939,681,790	49.8%	$609,835,348	27.5%	$360,999,869	14.0%	$146,625,340	5.5%
Total excluding ATOP Start-Up Funding	$1,259,402,509	80.4%	$1,208,035,509	74.7%	$1,147,819,709	66.4%	$1,094,131,404	63.2%	$939,681,790	49.8%	$609,835,348	27.5%	$360,999,869	14.0%	$146,625,340	5.5%
Total excl ATOP Start-Up & Municipal Taxation	$1,235,718,984	78.8%	$1,182,348,984	73.1%	$1,122,133,184	64.9%	$1,088,444,879	61.7%	$913,998,265	48.5%	$584,148,823	26.4%	$335,313,354	13.0%	$146,746,715	5.5%

APPENDIX I

CONSUMER PRICE INDEX
CANADA
1970-71 to 2005-06

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Jan-Dec Dec Average	Jan-Dec Increase
1970													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	49.8	50.3	50.7	51.1	51.7	52.2	52.6	53.2	53.6	54.1	54.8	55.0	52.4	
1981	55.8	56.4	57.1	57.5	58.0	58.9	59.4	59.9	60.3	60.9	61.4	61.7	58.9	12.4%
1982	62.1	62.9	63.7	64.0	64.9	65.6	65.9	66.2	66.6	67.0	67.4	67.4	65.3	10.9%
1983	67.3	67.6	68.3	68.3	68.5	69.2	69.5	69.9	69.9	70.3	70.3	70.5	69.1	5.8%
1984	70.9	71.3	71.4	71.7	71.7	72.1	72.4	72.4	72.5	72.7	73.1	73.1	72.1	4.3%
1985	73.5	73.9	74.1	74.4	74.6	75.0	75.3	75.3	75.5	75.7	76.0	76.3	75.0	4.0%
1986	76.7	77.0	77.2	77.3	77.7	77.8	78.4	78.6	78.6	79.0	79.4	79.5	78.1	4.1%
1987	79.7	80.1	80.4	80.8	81.3	81.5	82.0	82.1	82.1	82.4	82.7	82.8	81.5	4.4%
1988	83.0	83.3	83.8	84.0	84.5	84.7	85.2	85.4	85.5	85.9	86.1	86.1	84.8	4.0%
1989	86.6	87.1	87.6	87.8	88.8	89.2	89.8	89.9	90.0	90.3	90.6	90.6	89.0	5.0%
1990	91.3	91.9	92.2	92.2	92.7	93.1	93.5	93.6	93.8	94.6	95.2	95.1	93.3	4.8%
1991	97.6	97.6	98.0	98.0	98.4	98.9	99.0	99.1	98.9	98.8	99.1	98.7	98.5	5.6%
1992	99.1	99.2	99.5	99.6	99.8	100.0	100.2	100.2	100.2	100.3	100.8	100.8	100.0	1.5%
1993	101.2	101.5	101.4	101.4	101.6	101.6	101.9	102.0	102.0	102.2	102.7	102.5	101.8	1.8%
1994	102.5	101.7	101.6	101.6	101.4	101.6	102.0	102.1	102.2	102.0	102.6	102.7	102.0	0.2%
1995	103.1	103.6	103.8	104.1	104.4	104.4	104.6	104.4	104.5	104.4	104.7	104.5	104.2	2.2%
1996	104.8	104.9	105.3	105.6	105.9	105.9	105.9	105.9	106.1	106.3	106.8	106.8	105.9	1.6%
1997	107.0	107.2	107.4	107.4	107.5	107.7	107.7	107.9	107.8	107.9	107.7	107.6	107.6	1.6%
1998	108.2	108.3	108.4	108.3	108.7	108.8	108.8	108.8	108.6	109.0	109.0	108.7	108.6	0.9%
1999	108.9	109.1	109.5	110.1	110.4	110.5	110.8	111.1	111.4	111.5	111.4	111.5	110.5	1.7%
2000	111.4	112.0	112.8	112.4	113.0	113.7	114.1	113.9	114.4	114.8	115.0	115.1	113.5	2.7%
2001	114.7	115.2	115.6	116.4	117.4	117.5	117.1	117.1	117.4	116.8	115.8	115.9	116.4	2.6%
2002	116.2	116.9	117.7	118.4	118.6	119.0	119.6	120.1	120.1	120.5	120.8	120.4	119.0	2.2%
2003	121.4	122.3	122.8	121.9	122.0	122.1	122.2	122.5	122.7	122.4	122.7	122.8	122.3	2.8%
2004	122.9	123.2	123.6	123.9	125.0	125.1	125.0	124.8	124.9	125.2	125.7	125.3	124.6	1.9%
2005	125.3	125.8	126.5	126.9	127.0	127.2	127.5	128.0	129.1	128.5	128.2	128.1	127.3	2.2%
2006	128.8	128.6	129.3	130.0	130.6	130.4	130.5	130.7	130.0	129.7	130.0	130.2	129.9	2.0%
2007	130.3													
y/y	1.2%													

	May-Apr Average	May-Apr Increase	1980-81 = 100.0 May-Apr Average	1980-81 = 100.0 May-Apr Increase
1970-71			44.7	
1971-72			46.4	3.8%
1972-73			48.8	5.2%
1973-74			53.1	8.8%
1974-75			59.2	11.5%
1975-76			65.1	10.0%
1976-77			69.5	6.8%
1977-78			75.5	8.6%
1978-79			82.4	9.1%
1979-80	49.1		90.0	9.2%
1980-81	54.5		100.0	11.1%
1981-82	61.1	12.1%	112.1	12.1%
1982-83	66.9	9.5%	122.7	9.5%
1983-84	70.3	5.1%	129.0	5.1%
1984-85	73.0	3.8%	133.9	3.8%
1985-86	76.0	4.1%	139.4	4.1%
1986-87	79.2	4.2%	145.3	4.2%
1987-88	82.6	4.3%	151.5	4.3%
1988-89	86.0	4.1%	157.9	4.2%
1989-90	90.6	5.3%	166.2	5.3%
1990-91	95.2	5.1%	174.7	5.1%
1991-92	99.0	4.0%	181.7	4.0%
1992-93	100.7	1.7%	184.7	1.7%
1993-94	102.0	1.3%	187.1	1.3%
1994-95	102.6	0.6%	188.3	0.6%
1995-96	104.7	2.0%	192.1	2.0%
1996-97	106.6	1.8%	195.5	1.8%
1997-98	107.9	1.2%	198.0	1.3%
1998-99	109.0	1.0%	200.0	1.0%
1999-00	111.4	2.2%	204.5	2.3%
2000-01	114.6	2.9%	210.4	2.9%
2001-02	117.0	2.1%	214.7	2.0%
2002-03	120.6	3.1%	221.3	3.1%
2003-04	122.8	1.8%	225.2	1.8%
2004-05	125.5	2.2%	230.2	2.2%
2005-06	128.4	2.3%	235.5	2.3%

Notes: All items included. Not seasonally adjusted. 1992 = 100.

Source: Statistics Canada 62-001 Table 4.
Statistics Canada website at: http://www.statcan.ca/english/Subjects/Cpi/cpi-en.htm